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DECEMBER 16, 1916.

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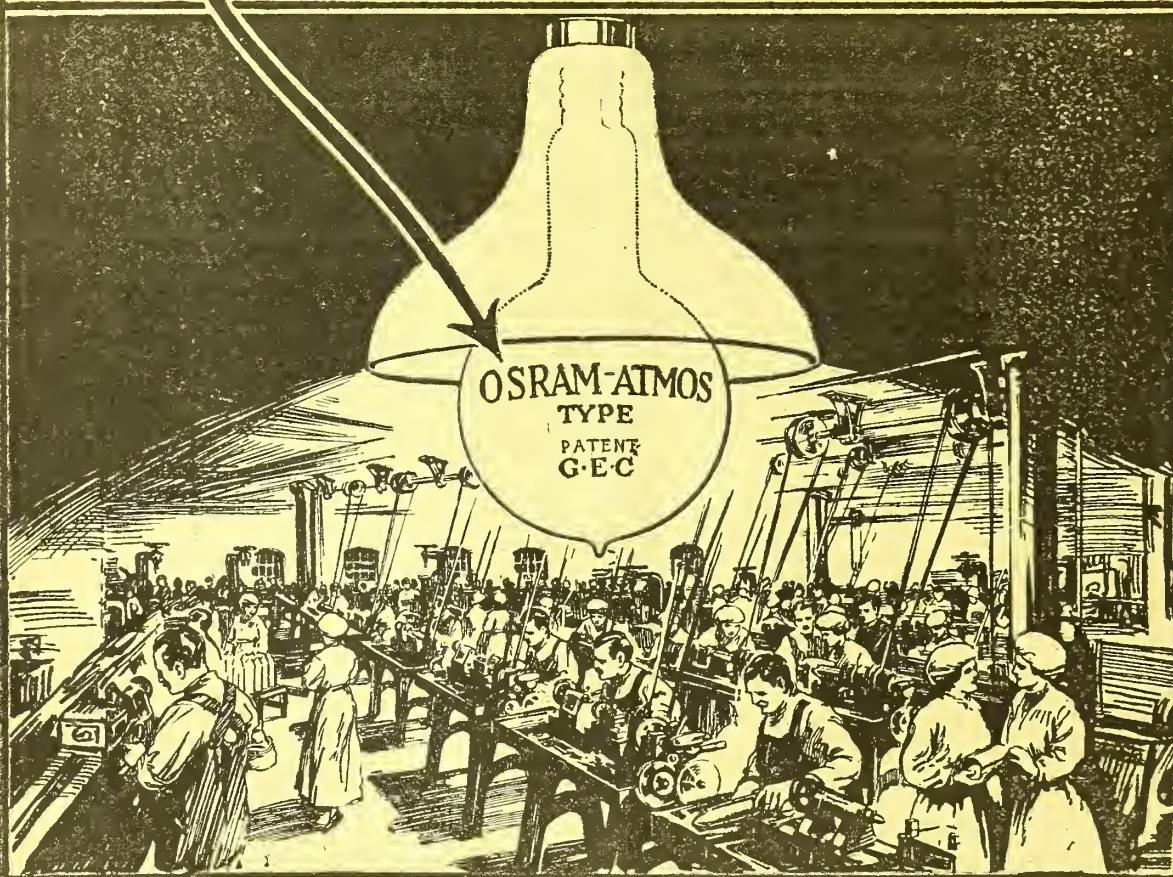
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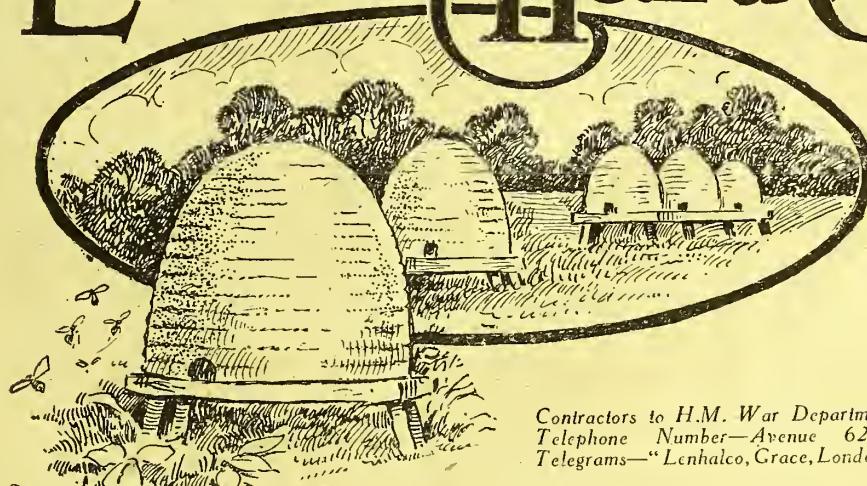
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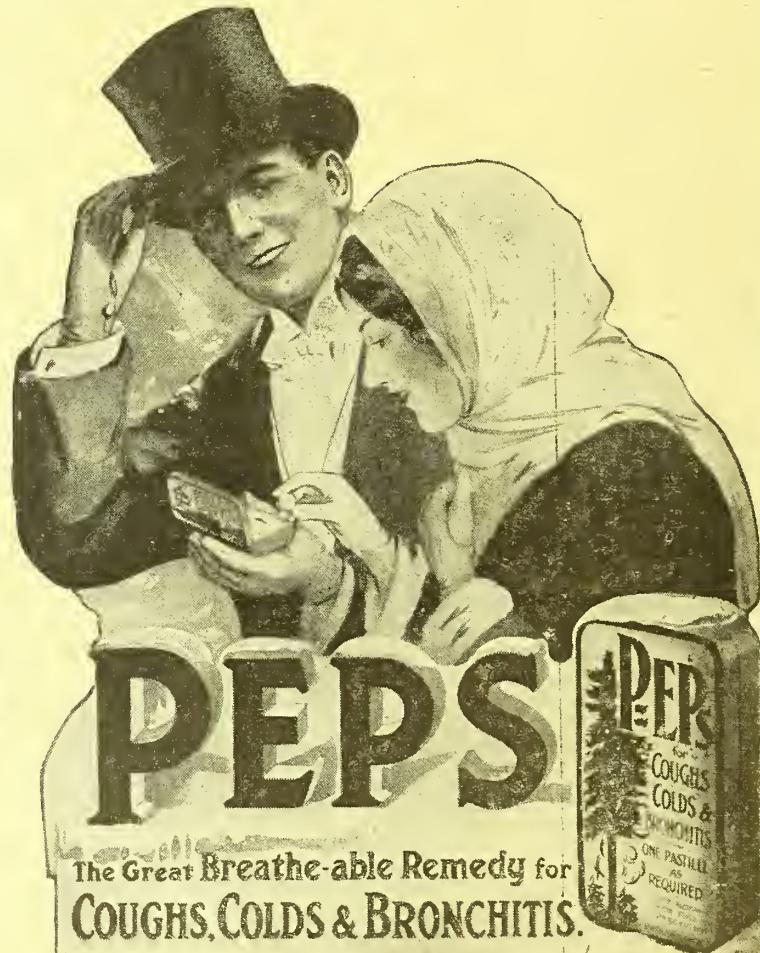
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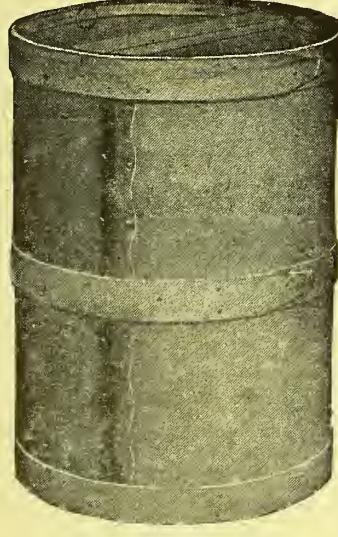
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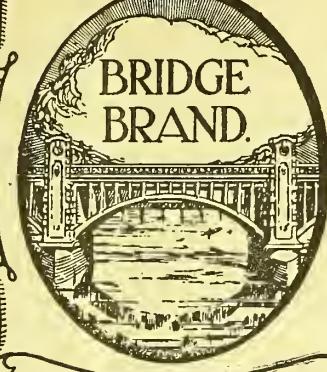
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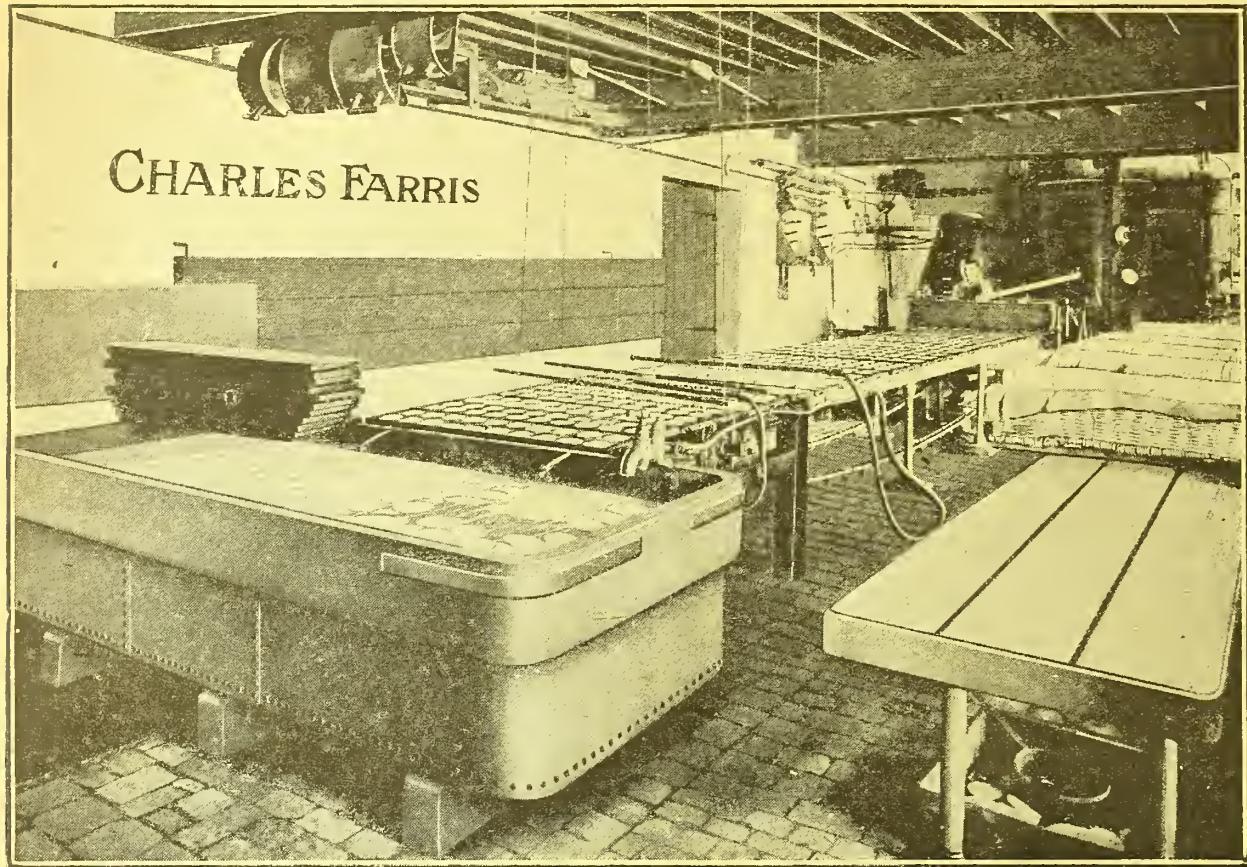
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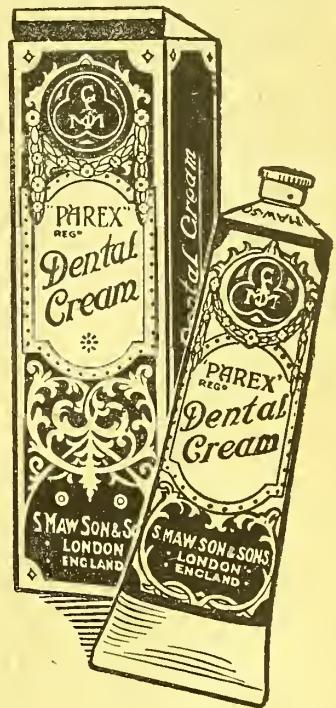
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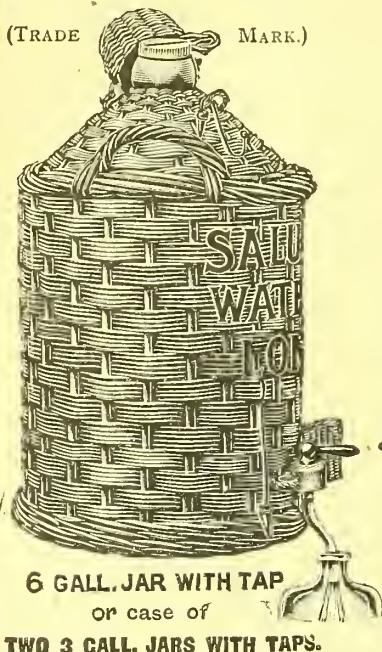
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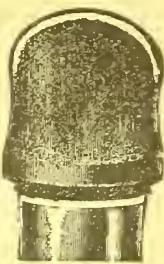
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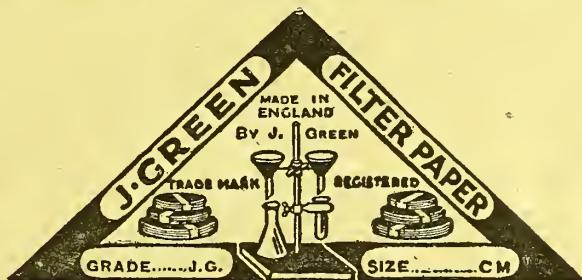
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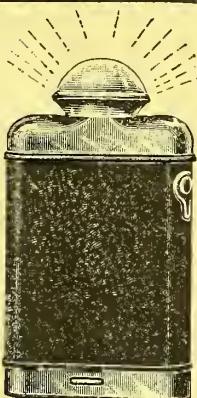
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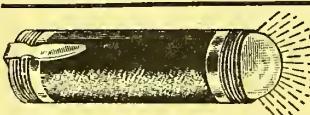
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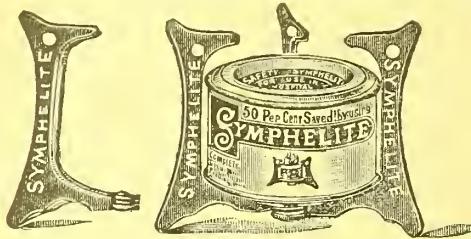
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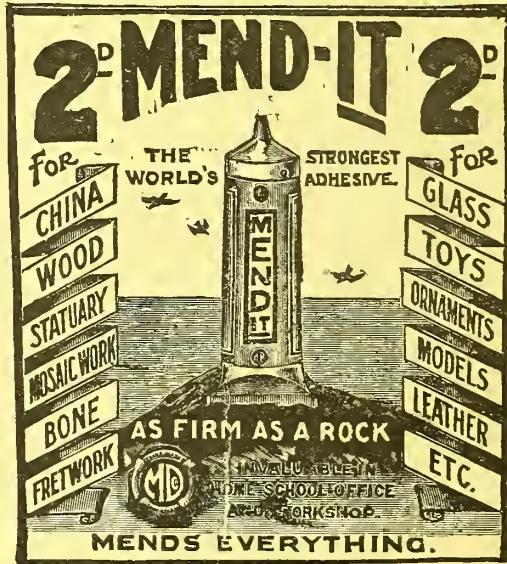
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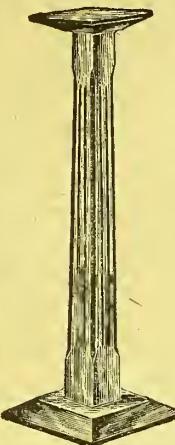
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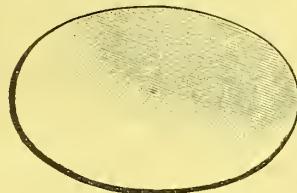
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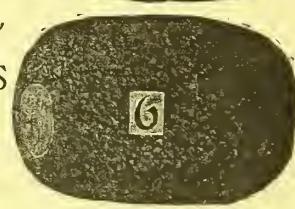
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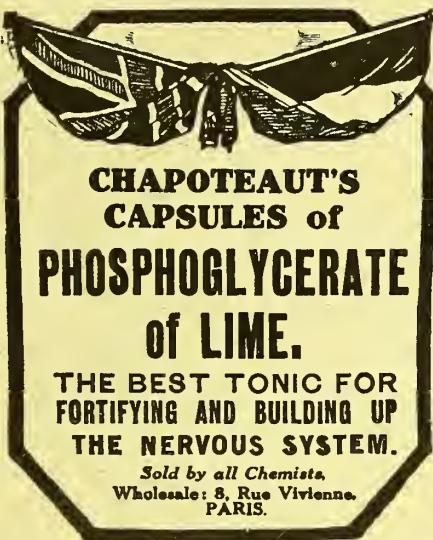
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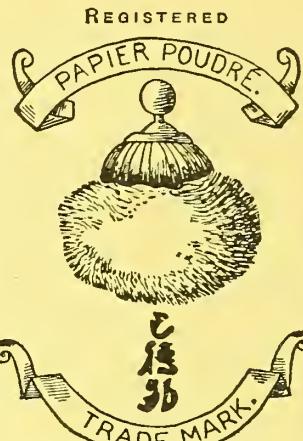
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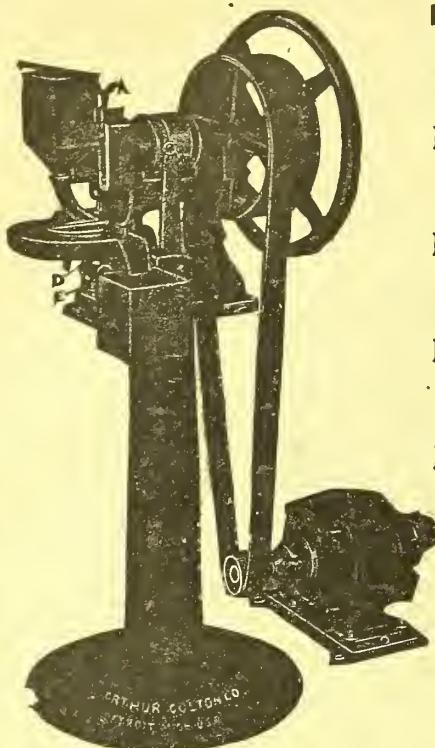


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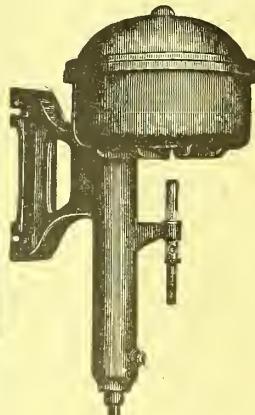
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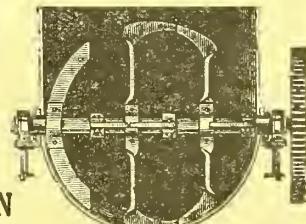
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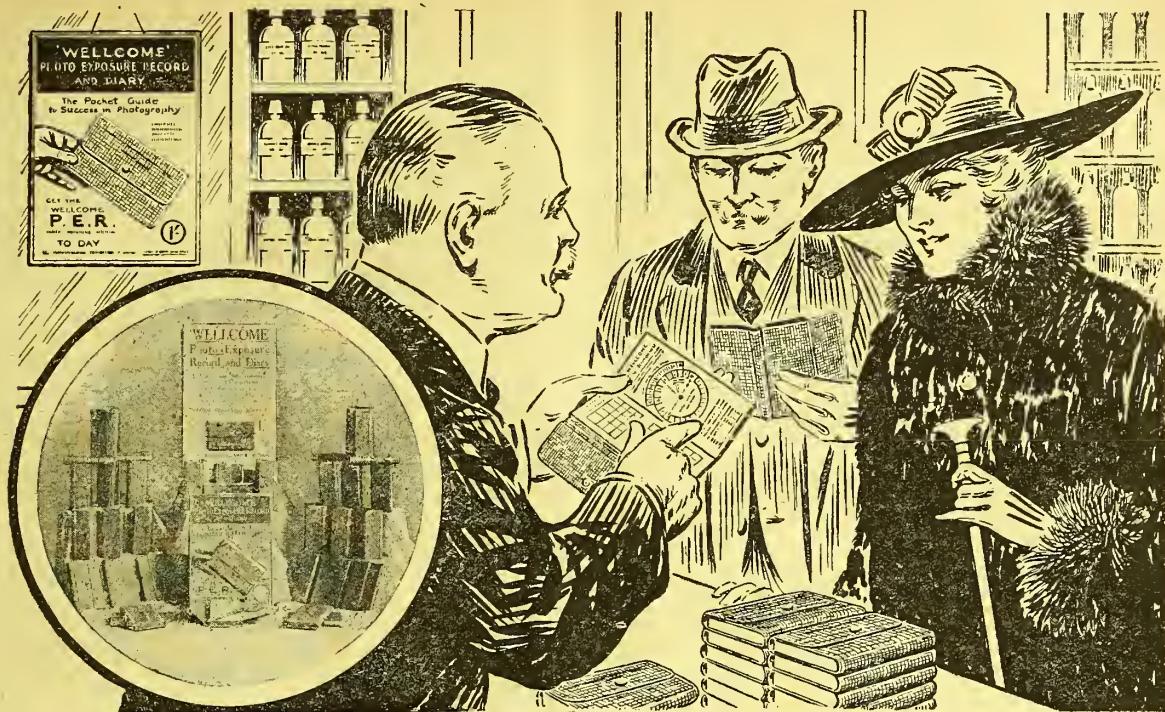
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Coming Events.

Sunday, December 17.

Pharmacists' Volunteer Training Corps, Duke of York's, Chelsea. At 9.30 A.M., Staff parade. At 11 A.M., C.O.'s parade and sanitation lecture by Q.M. Sergeant Luke. At 12 noon, First-aid lecture by Dr. Durno for Section 5 and recruits. The bacteriological classes are postponed for two weeks.

Tuesday, December 19.

Society of Chemical Industry, London Section, Birkbeck Café, Holborn, W.C., at 7.30 P.M. Informal discussion on "The Work of the Section," opened by the Chairman (Mr. A. R. Ling). Facilities for purchasing refreshments will be provided.

Wednesday, December 20.

Royal Society of Arts, John Street, Adelphi, London, W.C., at 4 P.M. Mr. A. C. Benson on "Classical and Scientific Education."

Thursday, December 21.

Chemical Society, Burlington House, Piccadilly, London, W., at 8 P.M. Among the papers to be communicated are the following: "Studies on the Walden Inversion, Part V," by Dr. G. Senter and Mr. G. H. Martin; "The Alcohols of the Hydro-Aromatic and Terpene Series. Part III. The Isopulegols Corresponding with *l*-menthol and *d*-neomenthol," by Messrs. R. H. Pickard, W. Lewcock, and H. de Pennington; "Lead Sub-iodide with details of the Preparation of Lead Suboxide," by Mr. H. G. Denham; "Note on the Solubility of Lead Iodide," by Mr. H. G. Denham; "Chromium Phosphate," by Messrs. A. F. Joseph and W. N. Rae.

European War News.

Import and Export Notices.

AUSTRIA.—A ministerial decree of November 14 prohibits the exportation of almonds, sugar of all kinds, gelatin, glue of all kinds, and isinglass.

BULGARIA.—The Bulgarian Government has prohibited the exportation of all vegetable fats, oils and tallow, and sesame-seed.

CANADA.—Acetylsalicylic acid and phenacetin have been deleted from the list of prohibited exports.

GERMANY.—According to a decree of the Imperial Chancellor of November 8, medicinal proprietary articles have been added to the list of articles the importation of which is prohibited.

ITALY.—The exportation of sulphuric acid (66° Bé.) has been suspended to all destinations. The exportation of pumice-stone has been authorised to all Allied countries.

UNITED KINGDOM.—A Proclamation, dated December 12, makes the following alterations in the list of prohibited exports (see *The Chemist and Druggist Diary*, 1917, p. 211): *Deleted*: (A) Manganese, peroxide of; (B) Patent and proprietary cattle-foods of all kinds; (B) Milk, condensed or preserved; (C) Spices, other than pepper; (B) Thermometers, clinical: (A) Thermometers (except clinical thermometers). *Added*: (C) Formates, not otherwise prohibited; (C) Iridium, osmium, palladium, rhodium, and ruthenium compounds; (C) White lead; (A) Manganese peroxide and mixtures and preparations thereof; (C) Oxalates, not otherwise prohibited; (C) Soda-lime; (C) Sulphites, metallic, not otherwise prohibited; (C) Thiosulphates, metallic, not otherwise prohibited; (A) Zirconium compounds; (A) Patent and proprietary cattle-foods of all kinds; (C) Glue, osseine, and concentrated size, fish-glu, isinglass, finings, and other kinds of gelatin; (C) Iceland, Irish, and Söfagnum moss, algin and its compounds; (C) Iridium, osmium, palladium, rhodium, ruthenium, and alloys of these metals; (A) Thorium and its alloys; (A) Zirconium and its alloys; (A) Arrowroot; (A) Milk, condensed or preserved; (A) Milk-powder; (C) Spices and mixtures thereof (except pepper); (C) Sponges, raw and prepared; (A) Thermometers; (B) Varnishes, oil; (B) Zirconium minerals.

Personalia.

LIEUTENANT GOLDETHORPE, who until the war was manager of the branch of Taylors' Drug Co., Ltd., 88 Commercial Street, Batley, has been promoted to a captaincy in the Northumberland Fusiliers.

CORPORAL BRIDGMAN, of the Seaforth Highlanders, eldest son of Mr. H. Bridgman, of the travelling staff of Sangers, has been admitted to Colchester Hospital, where he has undergone an operation, suffering from gunshot wound in the thigh.

PRIVATE E. WORRALL, of the King's Own Yorkshire Light Infantry, who has been wounded in France, served his apprenticeship with Mr. J. I. Appleton, Walkley, Sheffield, and afterwards acted as assistant in Liverpool. He studied for his Minor at the Liverpool College.

SECOND-LIEUTENANT MARTIN L. DANIELS, of the Royal Berkshire Regiment, has been wounded at the Front. Mr. Daniels was formerly on the staff of the "Pharmaceutical Journal," and afterwards took an important position with the United Drug Co., Liverpool, the proprietors of "Rexall." He joined the Inns of Court O.T.C. last year, and received his commission in September.

Miscellaneous.

BLACK-LISTED FIRMS.—The Foreign Trade Department of the Foreign Office has issued a further list (No. 14) of enemy firms in neutral countries. The list contains over one hundred names, comprising Argentina and Uruguay (12), Bolivia (1), Brazil (15), Chile (7), Colombia (2), Denmark (4), Ecuador (1), Greece (4), Iceland and Faroe Islands (4), Japan (3), Netherlands (10), Netherlands East Indies (16), Norway (4), Persia (1), Peru (2), Portugal (7), Spain (20), Sweden (3). Among the "removals from list" is the Kina Cultuur Maatschappy, Netherlands East Indies.

ENEMY PATENTS.—Licences have been granted under the Patents, Designs, and Trade-marks (Temporary Rules) Acts, 1914, to W. J. Bush & Co., Ltd., to use Patents 8069/09 and 3053/14. These refer to processes of manufacturing phenol esters. The hearing of the applications was reported in the *C. & D.*, September 2, p. 39. Boots' Pure Drug Co., Ltd., Station Street, Nottingham, are applying for the suspension or a licence to use Patent 2888/10 belonging to the Farbenfabriken vormals F. Bayer & Co. This is the adalin patent. The hearing is to take place on January 19.

Military Tribunals' Decisions.

ATHERSTONE.—Exemption until February 24 has been granted to Mr. A. C. Parkinson, chemist and druggist, in partnership with his father.

BEDFORD.—Exemption was allowed to B. O. Walker, assistant to Mr. A. L. Wyatt, dispensing chemist.

BISHOP'S STORTFORD.—Exemption was refused to Mr. S. A. Milbank, chemist and druggist.

CAMBRIDGE.—The appeal on behalf of J. C. Craig, assistant to Mr. Beall, chemist and druggist, was dismissed, but he is not to be called up till February 1.

CARLISLE.—Mr. Hallaway, Ph.C., informs us that exemption was not refused to his assistant, Mr. T. W. J. Beatty, chemist and druggist (*C. & D.*, December 2, p. 33); it was the appeal of the Military Representative against the exemption that was refused.

COVENTRY.—The Tribunal at a recent meeting had before them the memorandum of the Advisory Committee regarding the number of chemists and assistants needed to cope with the dispensing. Six months' exemption was granted to twenty-five of the twenty-eight dispensers for whom claims were made. The opinion was expressed that Boots, Ltd., should release two of the three men for whom they claimed.

COWES.—R. M. Wilkins, assistant to Mr. F. W. Beken, dispensing chemist, has been granted exemption until January 1.

CUPAR.—Mr. John Bruce, dispensing chemist, who was refused exemption by the local Tribunal, appealed and made good his case for exemption.

FOLKESTONE.—The Military Representative on November 22 applied for the reconsideration of all the conditional exemptions granted to chemists' assistants. The hearing was adjourned for a fortnight to enable the Kent Insurance Committee to take a census of the chemists and assistants in the county, the data to be submitted to the Military Representatives in the various districts.

HAILSHAM.—An application by the Military Representative for the withdrawal of the exemption certificate of F. S. Parker, assistant to his father, Mr. T. H. Parker, dispensing chemist, who is totally blind, was adjourned to enable him to go before the Medical Board.

HERNE BAY.—R. C. Waller, assistant to Mr. T. B. Cornfoot, chemist and optician, has had his ease adjourned for a fortnight to give time for a discharged soldier to be taken on.

HITCHIN.—Mr. A. E. Banham, dispensing chemist, has received conditional exemption.

LAMBETH.—Exemption until January 1 was granted to A. *R. C. Morton, and six months' extension to W. J. T. Morton, employed in the disinfectant-factory of E. Morton & Co., which belongs to their father.

MAIDSTON.—Two months' final exemption was granted to A. James, assistant to Corfe & Son, chemists.

MERTHYR TYDFIL.—One month's final exemption was granted to Mr. A. Bloom, chemist and druggist, who had asked to be allowed to do work of national importance other than in the Army.

OAKHAM.—A further three months' exemption was granted to Mr. W. H. Ellingworth, who carries on a drug-business.

OXFORD.—Temporary exemption for three months was granted to H. E. Green, assistant with Mr. Jas. Squire, dispensing chemist.

PETERBOROUGH.—One month was allowed to W. Freeman, traveller for Sturton & Sons, Ltd., chemists.

REIGATE.—Benjamin Bird, assistant to Mr. D. Davis, dispensing chemist, applied for exemption to enable him to sit for his Final medical examination. The case was adjourned to enable him to produce evidence of having passed the previous examinations.

SOHAM.—Exemption was granted to Mr. C. C. Green-smith, dispensing chemist, on the recommendation of the Insurance Committee.

SOUTHPORT.—Exemption until January 1 was granted to T. E. Whitehead, employed by a firm of manufacturing chemists.

SOUTHWARK.—Three months' exemption was granted to E. C. Pratt, employed by Bewells, Ltd., at 93 Walworth Road. The same period was allowed to W. S. Brown, with Boots, Ltd., Denmark Hill.—Exemption until January 1 was granted to N. S. Brown, works chemist and partner in the Goodwood Co., manufacturers of veterinary medicines.

SURREY.—The appeal of Windermere & Booth, chemists, for the exemption of Andrew Graves, was deferred, as the matter is in the hands of the Army Council.

TEDDINGTON.—One month's final exemption was granted to Mr. W. J. E. Gould, chemist and druggist, assistant to his father, Mr. W. E. Gould.

English and Welsh News.

Subscribers are invited to send to the Editor newspapers containing matters of trade interest. The items should be indicated.

Postponed Holidays.

The Home Office has issued a statement regarding the Whitsun and August Bank Holidays, which were postponed. It is now proposed to require employers who have not already given equivalent holidays in lieu to do so before March 1, 1917. These holidays will be in addition to any other holiday to which the employés may be entitled, or which they may be accustomed to receive during the period. The requirement will apply generally to all classes of employés who were entitled by Statute or agreement to receive, or were accustomed to receive, holidays on the Whit Monday and August Bank Holidays. These proposals will be embodied in a Proclamation under the Defence of the Realm regulations. The regulations provide that any employer failing to comply with the provisions of any such Proclamation shall be guilty of a summary offence against the regulations.

[With reference to this matter, we understand that Burroughs Wellcome & Co. and Parke, Davis & Co. have arranged in respect to their office and warehouse staffs in London that half of them will take December 22 and 23 and the other half January 1 and 2, 1917, as their deferred holidays. Allen & Hanburys will close their Bethnal Green premises from December 30 to January 2 (inclusive) with the same object.]

By Proclamation of December 11 the King has, under the Bank Holidays Act, 1871, declared that Saturday, December 23, 1916, and Monday, January 1, 1917, shall be observed as Bank Holidays throughout the United Kingdom.

Christmas Holidays.

We have ascertained that the following houses in London will close for business on the dates mentioned:

Stafford Allen & Sons, Ltd., Cowper Street, Finsbury, E.C., December 25 and 26; also 29 and 30 for stocktaking.

Allen & Hanburys, Ltd., Bethnal Green, E., December 23, 25, and 26, small wholesale orders being executed at Plough Court, E.C. (See also above.)

Baiss Bros. & Stevenson, Ltd., 174/176 Grange Road, Bermondsey, S.E., December 25 and 26; also 28, 29, and 30 for stocktaking.

John Bell, Hills & Lucas, Ltd., Oxford Works, Tower Bridge Road, S.E., December 25 and 26.

The British Drug Houses, Ltd., 22-30 Graham Street, City Road, N., December 25 and 26.

Burge, Warren & Ridgley, Ltd., 91 and 92 Gt. Saffron Hill, E.C., December 23, 25, and 26.

Burgoyne, Burbridge & Co., East Ham, December 25 and 26; also for stocktaking January 1.

Burroughs Wellcome & Co., Snow Hill Buildings, E.C., December 25 and 26.

Christy & Co., Old Swan Lane, E.C., December 23, 25, and 26.

Evans Sons Lescher & Webb, Ltd., Bartholomew Close, E.C., December 23, 25, 26, 28, 29 and 30 (including stocktaking).

Fairchild Brothers & Foster, Albert Chambers, Holborn Viaduct, E.C., December 23, 25, and 26, and 28 for stocktaking.

R. W. Greeff & Co., Thames House, Queen Street Place, E.C., December 25 and 26. Half the staff will have December 22 and 23 and the remainder December 27 and 28.

C. J. Hewlett & Son, Ltd., Charlotte Street and Curtain Road, E.C., December 25 and 26; also 28 and 29 for stocktaking.

S. Maw, Son & Sons, 7-12 Aldersgate Street, E.C., December 23, 25, and 26, general premises, but not the War Department.

May, Roberts & Co., Ltd., 7-11 Clerkenwell Road, E.C., December 21 to 27 inclusive; stocktaking 29 and 30.

T. Morson & Son, 14 Elm Street, Gray's Inn Road, W.C., December 25, 26, 27, 28, 29, and 30, including stocktaking.

F. Newbery & Sons, Ltd., Charterhouse Square, E.C., December 25 and 26.

Parke, Davis & Co., 50 Beak Street, Regent Street, W., December 25 and 26.

R. J. Reuter, 69 Carter Lane, E.C., December 23, 25, and 26; also 30 and 31 for stocktaking.

Sangers, 258 Euston Road, N.W., December 22, 23, 25, and 26.

"Sanitas" Co., Ltd., Locksley Street, Limehouse, E., December 25 and 26.

F. Schutze & Co., Ltd., Black Bull Works, Caledonian Market, N., December 25 and 26.

T. & H. Smith, Ltd., 22 City Road, E.C., December 25 and 26; also January 1 for stocktaking.

W. Toogood, Ltd., 77 Southwark Street, S.E., December 25, 26, and 27. Stocktaking January 1 and 2.

T. Tyre & Co., Ltd., Stratford, E., December 22, 23, 25, and 26.

THE CHEMIST AND DRUGGIST, 42 Cannon Street, E.C., December 25 and 26. The staff generally will be away on December 23.

Any other similar notifications should be communicated to the Editor not later than Tuesday morning, December 19.

Contracts.

The following contracts have been accepted:

Alverstoke (Gosport) Guardians.—G. Sherwin, borax, yellow soap; F. Parker, hospital oxo, invalid bovril; Sanitas Co., Ltd., sanitas soap; Parham & Co., crushed linseed.

Cranbrook Guardians.—Mr. A. J. Gray, Hawkhurst, medical appliances.

Kiddminster Guardians.—Hardiman & Co., soda-water.
Milton Guardians.—Usher's Stores, chemist's goods.
Stockport Guardians.—D. Clifton & Co., mineral waters;
James Smith & Co., cream of tartar.
Wandsworth Guardians have granted a claim of
26*l.* 12*s.* 8*d.* for extras to S. Maw, Son & Sons.

Cocaine and Opium Importation.

The "London Gazette" contains the Cocaine and Opium (Prohibition of Import) No. 2 Proclamation, 1916, which was made on December 11. This is almost similar to the Proclamation made on July 28 (*The Chemist and Druggist Diary*, 1917, p. 354), the only alteration being the addition of the words "or any solid or liquid extract of the coca-leaf containing 0.1 per cent. or more of the drug" at the end of the paragraph commencing, "the word 'cocaino' includes," etc.

Odol Chemical-works.

By order of the Board of Trade Controller appointed under the Trading with the Enemy Amendment Act, 1916, for the winding-up of the Odol Chemical-works, a public auction was held at 6 and 8 Marshalsea Road, Southwark, London, S.E., on December 12, by Daniel Watney & Sons. The catalogue comprised the whole of the stock-in-trade, machinery, oils, essences, bottles, trade sundries, office furniture, safe, trade carts, harness, and other miscellanea. The stock included twenty-nine cases of Wood's genuine Mitcham oil of peppermint, each case containing six w. qts., or about 870 lb. in all. The market value of finest Mitcham oil is about 35*s.* to 40*s.* per lb. Other valuable stock included about 319 gals. of duty-paid British spirit; 235 ten-gallon glass carboys, a Braby mixing-machine, two automatic bottle-filling machines, various stocks of "Odol" dentifrice, "Irex" tooth-powder, "Formawn," Pixaop," and other toilet-preparations. There was a large attendance of buyers, principally second-hand dealers, together with a sprinkling of well-known essential-oil manufacturers, who were interested in the peppermint oil. The auctioneer announced that the entire plant and stock-in-trade would be

offered in one lot as it stood, and if not sold as a whole would be offered in separate lots as numbered. There was, he said, a reserve price of 2,500*l.* Bidding commenced at 2,000*l.*, and rose quickly to 3,300*l.*, at which the whole was knocked down to Sir Richard A. Cooper, Bart., M.P. for Walsall. This result was disappointing to the would-be buyers of separate lots, but much valuable time was saved, as there were practically 250 items to be sold.

We understand from a conversation with the representative of Sir Richard A. Cooper, Bart., that it is his intention to continue the "Odol" business, together with the other toilet-preparations. We were informed that Sir Richard is in possession of the original "Odol" formula,

and has now all the means at hand for resuscitating the business under entirely British proprietorship. It is probable that the name of "Odol" will be altered. Sir Richard Cooper, Bart., is a well-known business man, and is a partner in the firm of William Cooper & Nephews, he being the grand-nephew of Sir William Cooper, inventor of Cooper's sheep-dip. He has been Conservative member for Walsall since 1910, and succeeded his father in the baronetcy.

Birmingham.

There is a good deal of sickness among pharmacists just now.

Nutmegs, and fine ones, too, are being hawked in the Bull Ring at four for a penny.

Birmingham University has altered its regulations re the Matriculation examination to conform with the other newly constituted universities.

Brompton cough-lozenges are being sold in this city at 10*d.* per 4 oz. on account of the increased cost of sugar it is said. They were formerly 6*d.*

Southall Bros. & Barclay, Ltd., have given 50*l.* to the Lord Mayor's Fund for the provision of Christmas cheer to the Birmingham soldiers and sailors on active service, of whom there are many thousands.

In spite of the strong appeal to the munition-workers to save and not to spend money on luxuries, pharmacy still gets a good pull. It was stated in a Tribunal case this week that a man at Halesowen earns 20*l.* a week.

At the November examinations of the Trinity College of Music, held in Birmingham, Norman Withers, younger son of Mr. I. M. Withers (Bullus & Co., Ltd., West Bromwich), was successful in piano-forte playing, junior division.

Whoever was responsible for the arrangements of the inaugural meeting of the Birmingham Pharmaceutical Association, both socially and musically, deserves much praise, for it was most excellently managed. The attendance was good.

It is impossible to get sugar without making further purchases to the extent of from two to five shillings' worth of goods. A well-known analyst had to buy 2*s.* worth of goods to get a pound of Tate's No. 1 crystals for experimental purposes.

At the Labour Exchange, in the Women's Department, the Want Schedules include "women dispensers of not less than three years' experience." It is a pity this Department cannot differentiate between this kind of work and that of a works help, which appears on the same notice-board.

Liverpool.

Sir Alfred Mond's call to the Government at this crisis has given great satisfaction to both the wholesale and the retail trade, as chemical interests will be represented more adequately.

Sir Edward Evans, not feeling free to venture out at night, has deferred the address which was to have formed the *pièce de résistance* at the January meeting of the Liverpool chemists. The meeting, however, will be held.

The C. & D. note on the alternatives of afternoon or evening meetings of the Liverpool C.A. has produced a plebiscite opinion for the guidance of the President (Mr. W. P. Evans) and the Council. Mr. Evans states that he finds the members almost evenly divided, the earlier-closing hour having strengthened the evening section by giving them an opportunity to attend the eight-o'clock gatherings rather than to sacrifice an occasionally fine Wednesday afternoon. The decision is reserved for the annual meeting.

By comparing notes, it is found that chemists and druggists are called upon, in a degree quite inordinate, to advise parents on the schooling and apprenticeship of their children, and to answer recondite questions such as would baffle most other tradesmen. The other day a customer who took a seiditz-powder expected to have enumerated the "seven languages of the world," and to receive a free translation of a letter which he said was written in French, but which proved to be Flemish. In payment for the powder he tendered a French franc and declared it to be a shilling! Continental silver is being offered freely in dimly lighted shops and tramcars.

Mr. Henry Peet, M.A., J.P. (Adelphi Pharmacy), has contributed both a practical suggestion and an offer to the Liverpool Cathedral Committee with regard to the proposed carillon. His scheme is that the ten bells of fine tone now in St. Peter's Church, of which he has long been an official, should be transferred, on the demolition of the church, to the Cathedral carillon tower as part of the collection of, say, 100 bells. The remaining ninety bells should be individual gifts "in memoriam," or as thanksgivings. Mr. Peet offers to present the first of these bells, and has no doubt that some wealthy donor would defray the cost of the mechanism to work the carillon. The bells for the central tower are already provided for by a bequest.

Mr. F. J. Mackinlay, of St. James Street, a veteran member of the Liverpool C.A., was welcomed, after a period of absence, at the most recent meeting. In discussing the congenial theme of price-lists, he reminded the senior members, whose attendances compare well with the juniors, of the days when one of their number was wont to close his own pharmacy for two hours in the afternoon in order to attend Council-meetings. On such occasions the pharmacy window bore this notice: "Re-open at 5.30 P.M.; go to Chemists' Association at Royal Institute." This token of attention to professional business was accepted by the customers. This story drew from Dr. Symes a very recent one. He stated that he had to close his pharmacy for a few hours on the preceding day and affix to the window a note: "Gone to Military Tribunal Appeal."

Manchester.

The Lancashire Federation of Pharmaceutical Associations, which was recently formed, is to hold its first meeting early in January.

Influenza at present is very prevalent throughout Lancashire. Two or three officers of the Manchester Pharmaceutical Association are away from business owing to this cause.



SIR R. A. COOPER, BART.

Owing to the unfavourable weather and the lighting restrictions not much progress has been made with Christmas window-shows. It appears likely that few special shows will be made this year.

A well-known Manchester pharmacist, who is a Justice of the Peace, has, in his magisterial capacity, been swearing-in between thirty and forty recruits a week for the Volunteer Force. Many of these were connected with the drug-trade.

A chemist's assistant has been told that if he wishes to assure the success of any further appeal he may make (when his temporary exemption from military service has expired) he should join the Volunteer Force at once. In consequence of this hint several Manchester chemists of military age have joined the Volunteers, and many others are contemplating doing so.

Sheffield.

The Sheffield Board of Guardians has decided to discontinue the war bonus paid to Miss M. Allan, the assistant dispenser, and to increase her salary to £20/- per annum, with the usual allowances.

Several chemists who were requested by the Military Representative to secure assistants ineligible for military service are making a further appeal for their junior assistants, owing to the impossibility of obtaining assistants with knowledge of the business.

Christmas trade is not being lost sight of by chemists, although there is reason to believe that the full share of the increased prosperity of the working classes is not finding its way to pharmacies. There is, however, plenty of scope for Christmas trade, as some very high wages are being earned.

When chemists are engaging lady assistants with the Hall qualification, for dispensing and the counter, they should make sure that the young ladies are able to do the work. Several pharmacists have found themselves in rather a difficult position during the last few weeks through not taking this precaution.

Sheffield is well to the fore in the new Cabinet. Dr. Addison, the Minister of Munitions, was formerly resident house surgeon at the Royal Hospital, and Mr. H. A. L. Fisher is Vice-Chancellor of the University, of which also Dr. Addison is a graduate. There is a possibility of another well-known Sheffield man being required for a position where technical knowledge will be an advantage.

Miscellaneous.

UNEMPLOYMENT INSURANCE.—The Umpire has decided that contributions are payable in respect of workmen engaged in the manufacture of medical and surgical plasters for use in war (2082X).

ARSENICAL BAKING-POWDER containing a fourteenth of a grain of arsenic per lb. was sold by William H. Lee, Co-operative Society manager, on October 30, and at Leicester on December 9 a Sale of Food and Drugs Act summons against him was dismissed on payment of two guineas costs.

ALLEGED ABORTION CHARGE.—At Preston Police Court on December 7, Morgan Rhys Davies (45), chemist and druggist, 47 London Road, Preston, was remanded for a week, on bail, on a charge of unlawfully and feloniously administering and causing to be taken certain noxious things with intent to procure abortion.

WORKS CHEMIST KILLED.—An inquest was held at Lambeth on December 8 on the body of J. J. Woods, works chemist, who was fatally injured by being caught in the shafting of the machinery at the Cale Chemical-works. It was stated at the inquest that Mr. Woods before the war was a teacher in a secondary school, and that he devised a successful commercial process for the manufacture of aspirin.

A WANDERING PHARMACIST.—At the Mansion House Police Court, London, on December 11, James Thos. Doyle (35), pharmacist, of Trinity Square, Borough, was charged, before the Lord Mayor, with wandering, deemed of unsound mind. Accused was found by the police in a public subway behaving in a strange manner, and was taken into custody. He had in his possession 14/- in Treasury notes, 14s. in cash, an Army attestation rejection paper, and receipts from the Sackville Street branch of the Hibernian Bank, Dublin, for 30/-, 25/-, 16/-, and other amounts. The Lord Mayor (to defendant): Are you carrying on business as a chemist now? Defendant: No, I am retired. The Lord Mayor: And where were you a dispenser? Defendant: In Dublin. On the certificate of the medical officer of the City of London Infirmary defendant was sent to Stone Asylum.

Irish News.

Subscribers are invited to send to the Editor newspapers containing matters of trade interest. The items should be indicated.

Pharmaceutical Society of Ireland

Latest dates for lodging applications for the January examinations are as follows: Thursday, December 21, for the Preliminary examination; Wednesday, December 27, for the Registered Druggist and Pharmaceutical Licence examinations; Monday, January 1, for the Pharmaceutical Assistant examination. Applications should be lodged with the Registrar by 11 A.M. on the respective dates.

Brevities.

Perry & Thompson's new drug establishment in Ann Street, Belfast, is now open. The principals were formerly with Thos. McMullan & Co., Victoria Street.

Mr. Thos. Nelson, registered druggist, is about to open a drug establishment in Rathfriland, co. Down. Mr. Nelson was formerly with Connor & Sons, Newry.

The prompt attendance of the fire brigade saved the premises of Mr. J. Wellwood, Ph.C., 149 Old Park Road, Belfast, which were on fire on the night of November 30.

At the Munster Winter Assizes on December 2, William Burke, described as a dentist, was sentenced to three years' penal servitude for administering cantharides to a young woman. (See *C. & D.*, December 2, p. 36.)

Mr. J. W. Hawthorne, Ph.C., has purchased the branch shop of Samuel Suffern, Ltd., 235 Springfield Road, Belfast, and will carry it on as a pharmacy. Mr. Hawthorne served his time with the late J. C. C. Payne, Belfast, and was subsequently with Mr. W. F. Wells, Dublin, Mr. G. W. Ross, Limavady, and W. J. Balmer, Ltd., Belfast.

Mr. Matt Rankin, second son of Mr. W. J. Rankin, Waring Street, Belfast, President of the Chemists' and Druggists' Society of Ireland, has received a commission in the 13th Royal Irish Rifles. He joined in September 1914 as a private, and when a sergeant was transferred to a cadet school. His brother, Lance-Corporal Hugh Rankin, is in hospital at Eastbourne recovering from an operation.

Scottish News.

Subscribers are invited to send to the Editor newspapers containing matters of trade interest. The items should be indicated.

Brevities.

Within the past week or two Fifeshire chemists have had many travellers calling for Christmas orders, and the "Knights of the Road" have done good business. What strikes one most on inspecting samples is the entire absence of anything made in Germany. The goods are quite equal to anything German, and are more substantial.

The funeral of the late Bailie Doig took place on Monday, December 11, from Dunira, his house in Newport, by way of the Tay Ferry to the Eastern Necropolis, Dundee. A large company was present, including, besides Mr. John L. Doig and Mr. Wm. Doig (sons), representatives of the Town Council and other public bodies. Local pharmacists present were Messrs. J. R. Milne, John Anderson, John Gray, J. H. Thomson, Wm. Cummings, C. Young, W. J. Robertson, J. P. Ferrier, Wm. Walker, and C. Duncan.

Edinburgh.

The work of the Edinburgh War Dressings Supply Committee (sphagnum moss) is suffering from want of workers. There is no lack of moss, but a larger staff is needed for cleaning and preparing it for use.

A local wholesale drug-house recently sent out an invoice, itemizing a certain brand of pills as "peril-coated," which beats the traveller from across the border who, in receipting an account last month, alleged that he received payment on November 31, 1916.

Mr. A. J. Dey, of T. & H. Smith, Ltd., was, at the annual meeting of the Edinburgh, Leith, and District Branch of the Scottish Commercial Travellers' Association on December 9, enrolled as a honorary member. The branch also agreed to admit lady travellers as members.

The Rev. John Anderson, formerly a chemist and druggist, said at a meeting of the School Board this week that he did not like the growing interference with parents in the management of their children. The Board was discussing the request that school-children be permitted to take part in a local pantomime. Permission was given.

Glasgow and the West.

Crushed linseed is now 6d. per lb.

Lieutenant Sidney McDougall, of Hale (manufacturing chemist), who was killed in Gallipoli, left 28,851.

Skin-creams are in great demand just now, the sudden change in the weather conditions seems to be responsible.

The pharmacists of Glasgow and suburbs have commenced their Christmas window-decorations. They seem to be anticipating brisk business from the nature of the displays being made of high-class perfumery, etc.

In spite of the European war and consequent high prices prevailing, emulsions and malt-extract seem to be in greater demand than ever, and the influx of munition workers to the city is keeping up the demands of pre-war times.

The Chemists' Association Council recommends that shops should be closed at the City Closing Order hours—viz., 8 p.m. on Monday, Wednesday, Thursday, and Friday; and 10 p.m. on Saturday, December 30; and that New Year's Day be observed as a close holiday.

A distressing accident, involving the death of five men, occurred at Ardrossan last week. The men were engaged discharging the cargo of a steamer which had run aground, and were overcome by carbon-dioxide fumes which filled the hold. The cargo consisted of grain, which had been in contact with water for a considerable period, causing fermentation and the evolution of carbonic-acid gas.

Colonial and Foreign News.

TREACHER & CO., LTD.—The auction sale of goodwill and stock-in-trade of Treacher & Co., Ltd., Bombay, which was held on November 16 by Crawford & Co., auctioneers, under instructions from the liquidator, Mr. S. N. Gazder, had to be withdrawn owing to a lack of higher bids than the prices reserved by the company.

SOME DUTCH PHARMACISTS have been placed on the German black-list, but it is not quite clear why. Most of the chemical-pharmaceutical products used in the Netherlands are of German origin. Only by submitting to very severe stipulations and by paying a large sum as a guarantee that no re-exportation of German medicaments will occur are the articles obtainable, and it is expected that the black-listed pharmacists are now "out of the running."

ANILINE DYE COMPANY.—To safeguard the national interests, and to prevent the characteristic underhand tactics of Germans, alterations have been made in the articles of association of the Compagnie Nationale de Matières Colorantes et de Produits Chimiques, the French company whose flotation was referred to in the *C. & D.*, November 25, p. 45. The issue of bearer stock has been prohibited, and other stock can only be transferred by permission of the board. In cases where permission is refused the board may be required to purchase the stock at a price which will be fixed at the annual meeting each year. The subscription-list closes on December 16, and any persons who had sent in applications for shares may withdraw if they object to the modified articles of association, these having been revised since the original announcement was made.

JAVA'S EXPORT OF CITRONELLA OIL.—According to a recent number of "De Ned. Olie, Vet- en Zeeplindustrie," the export of citronella oil from Java increased greatly in 1915, and a further increase is expected in 1916, probably to 400,000 kilos, the figure for the first six months being 229,936 kilos. As the average price has been about three florins per kilo., the value of the exports will probably be over 1,000,000 florins. The exports have gone to France, United States, Japan, and the United Kingdom. Owing to the demand the area of grass planted has risen to 5,500 bouws. In view of this increase it is anticipated that there may be a fall in the price of the oil, since although Japan may take more this will not compensate for the falling-off in the demand elsewhere. Attempts to find a market in Australia have not been successful, as that country prefers Ceylon oil.

SCHIMMEL'S MANUAL.—The third volume of the second edition of Gildemeister's "Essential Oils" has been published, thus completing the special study of individual essential oils which was commenced in the second volume. There is little new work in the book, which is, in fact, a compilation of work that has appeared since the first edition. Full justice is done to the work of English chemists, whose names appear freely throughout the body of the volume, and for eucalyptus and melaleuca oils, nearly all of the work connected with which has been done by British chemists, no less than three-and-a-half pages of the index are necessary, the text covering a hundred pages.

Legal Reports.

A CARGO OF SULPHUR on the Swedish ship *August Leffler* came before Sir Samuel Evans, President of the Prize Court, London, on Monday, December 11. There was a discussion in regard to points which are to be considered, and the President said he would require the Solicitor-General (now Mr. Gordon Hewart) to attend the hearing in order to argue his case.

Glass-bottle Patents.—In the Chancery Division on December 14, Mr. Justice Sargent heard a motion on behalf of the Owens European Bottle Machine Co., of Toledo, to send a commission to take evidence in a pending action by the British Association of Glass Bottle Manufacturers, Ltd., Leeds, against Forster & Sons, Ltd., St. Helens. It was explained that the Owens Co., the owners of the patent, had been made defendants, and they wanted an admission from the parties that they were unpaid vendors. The company sold the European rights to the Europaische Verband Flaschenfabriken, G.m.b.H., Dusseldorf, who appointed the Treuband Vereinigung Aktiengesellschaft, Berlin, as their trustees to accept payments from licensees. His Lordship refused the motion, informing counsel that if he found that he could not do justice between the parties without such evidence he could make an order adjourning the proceedings.

MERCURY OINTMENT.—At Seabrook Police Court on December 7, Henry Barnett, chemist and druggist, Hythe and Sandgate, was summoned, under Section 6 of the Sale of Food and Drugs Act, 1875, for selling mercury ointment which was certified by the public analyst to contain 15 per cent., instead of 30 per cent., of mercury. The evidence of a police constable's wife was to the effect that she asked for a quarter of a pound of mercury ointment, and she got two tin boxes labelled "Blue Ointment." The analysis was proved, and for the defence Mr. Stainer explained that there are two strengths of mercurial ointment, and the defendant had sold the one commonly required, which is for killing parasites. Evidence was given by defendant, his manager at Sandgate, and by Mr. J. W. Stainer, Ph.C., F.C.S. As a result the Magistrates dismissed the summons. The Chairman (Mr. E. Garnet Man) referred to the two strengths of ointment, saying that the stronger quality was dangerous, and used only on high advice. The Magistrates considered, too, the price at which the boxes were sold, which was but a fraction over the scheduled wholesale price; but if mercury ointment was sold at that price the retailer would be a loser to a very considerable extent. They were perfectly satisfied that no attempt had been made by the defendant to deceive.

A PROTOLAK CASE.—In the Bow County Court, before Judge Graham, K.C., last week, Casein, Ltd., Battersby, sued Chilvers, Johnson & Co., Leytonstone, to recover 25*l.* 12*s.* 9*d.* for goods supplied. From statements made in the court it appeared that there was no dispute as to the amount of the claim, except as to a question of discount, and the case for the defendants was therefore proceeded with, they alleging that a wrong circular had been packed with their goods, which was damaging to their business. Defendants are the proprietors of Protolak, and since February 1913 the plaintiffs made this food for them, putting a circular in the tins and a label on the tins. This year a repeat order was given, and on the delivery of the tins it was discovered that a wrong circular had been put in. As to the labels, while the big tins were correct, those on the small ones were entirely different. Mr. Frederick E. Johnson, the inventor of Protolak, supported this statement in evidence, stating that the wrong circular was exactly the same as that applying to Sanagen, except that the name "Protolak" was on it. His Honour was informed that no tins were sent out to the trade. Mr. Carpenter, director of the plaintiff company, said no harm had been done, as the circulars were very like one another in their chief characteristics. In giving judgment his Honour failed to see how the trade could have been deceived as to the ownership of the material, as defendants' name was on the tin. There seemed not the slightest reason to doubt the plaintiffs' *bona fides* over the whole transaction. He considered 1*l.* ample to allow for the tins not properly labelled, and was quite sure that was considerably in excess of the damage defendants suffered. Taking into consideration all the circumstances his verdict therefore would be for the plaintiffs for 25*l.* 8*s.* 9*d.*, and costs.

CARBOLIC-ACID PLANT.—An application for discovery of documents was made in the King's Bench Division, Dublin, last week, before Mr. Justice Madden, in an action in which damages, laid at 10,000*l.*, are claimed against Blair, Campbell & McLean, chemical-manufacturers, Govan,

Glasgow, for alleged breach of contract in connection with the supply of a carbolic-acid refining plant. The plaintiffs are Mr. Roderic P. O'Connor, civil engineer, Monkstown, co., Dublin; Mr. Thomas Dillon, Assistant Professor of Chemistry, Dublin; and the Larkfield Chemical Co., Ltd., Dublin. The plaintiffs alleged that the defendants contracted to supply a carbolic-acid refining plant for the sum of 450*l.*, and that they warranted that the plant would give a recovery of 30 per cent. of phenol crystallising at 39° to 40° C.; that the plant would work 300 gals. per day and turn out the standard market product; that the defendants would start the plant to work and work it for one week; and that delivery of the plant would be given within eight weeks or thereabouts. The plaintiffs at the time the contract was made had intended to manufacture salicylic acid from the phenol produced by the refining-plant, and to sell it at considerable profit owing to the demand created by the war. They alleged that the plant supplied did not correspond with the description of the plant which the defendants had contracted to supply, and that they had suffered serious loss and damage in consequence. The defendants pleaded that the plant delivered by them corresponded in all respects with the plant they contracted to supply, and that they had given delivery as early as possible in the circumstances, which was what they had contracted to do. They counter-claimed for 160*l.* balance, which they alleged is due on the contract. Mr. Justice Madden granted an order for discovery, the application for which was made on behalf of the defendants.

New Companies and Company News.

P.C. means Private Company and R.O. Registered Office.

HOUGH, HOSEASON & CO., LTD. (P.C.)—Capital 50,000*l.* Objects: To take over and carry on the business of Hough, Hoseason & Co., manufacturing chemists, 2 Bridge Street, Manchester. The subscribers and first directors are R. Hough (chairman) and J. H. Hoseason, Ph.C.

T. S. PEEBLES, LTD. (P.C.)—Capital 600*l.* Objects: To carry on the business of the late T. S. Peebles, chemist and druggist, 103 High Street, Lochee. The subscribers and first directors are G. Baxter and J. S. Houlston, chemist and druggist. R.O., 16 Bank Street, Dundee.

C. H. GRIFFITHS, LTD. (P.C.)—Capital 2,000*l.* Objects: To take over the business of a retail chemist and druggist, etc., carried on by H. Griffiths as "Griffiths" and "Griffiths & Co.," at Droylesden, Openshaw, Gorton and Beswick, Manchester. The first directors are C. H. Griffiths and Miss E. B. C. Pike. R.O., 71-3 Market Street, Droylesden, near Manchester.

WIGGLESWORTH, LTD. (P.C.)—Capital 10,000*l.* Objects: To take over the business of Wigglesworth & Co., Peel Mills, Westhoughton, Lancs., to adopt an agreement with J. W. Wigglesworth, R. S. Taylor, and H. Rigby (vendors), and to carry on the business of manufacturers of compressed medicinal tablets, pills, capsules, pharmaceutical and toilet specialities, etc. The first directors are R. S. Taylor, J. W. Wigglesworth, and H. Rigby.

LATEWARDS, LTD. (P.C.)—Capital 500*l.* Objects: To adopt an agreement with W. Lateward and J. R. Lateward, the elder, and to carry on the business of pharmaceutical, manufacturing and general chemists and druggists, manufacturers of and dealers in toilet requisites and medicines, etc. The first directors are W. Lateward (governing director), Mrs. E. Lateward, J. K. Lateward, jun., and T. Stuttard, chemist and druggist. R.O., 389 Ashton New Road, Manchester.

G. B. KENT & SONS, LTD.—The directors have declared the usual dividend of 5*½* per cent. per annum upon the cumulative participating preference shares.

LEWIS & BURROWS, LTD.—The report of the directors for the year ending September 30, to be submitted at the annual meeting to be held at the Holborn Restaurant, Kingsway, W.C., on Friday, December 15, at 12 noon, states that, in spite of the difficulties caused by the war, especially in the matter of supplies, increasing prices, and depletion of staff, the net profits of the last year or two have been well maintained. The directors have set aside a sum of 1,000*l.* to be added to the depreciation reserve account. A further sum of 156*l.* has been set aside for depreciation on the India stock; this, added to the 700*l.* already at the credit of the investment reserve account, has been applied in writing down the investment, so that it now appears in

the balance-sheet at the market value on September 30 last. The net balance available is 5,969*l.*, out of which it is proposed to place 2,000*l.* to a general reserve account, to pay a dividend on the preference shares at the rate of 6 per cent. per annum, and on the ordinary shares at the rate of 4 per cent. per annum, leaving a balance of 850*l.* to be carried forward to next year's accounts. Mr. W. B. Trick, J.P., who retires by rotation, offers himself for re-election.

IDRIS & CO., LTD.—The annual report of the directors for the year ended October 31, 1916, states that the profit for the year after charging debenture interest and writing off the usual depreciations is 2,078*l.* 4s. 11d., compared with the profit for the year 1915 of 3,158*l.* 14s. 11d. The past year has been a most difficult one for the company. The adverse conditions referred to in last year's report have been felt much more severely this year. There has been a further large increase in the cost of materials, fodder, etc., and owing to the large number of men in the company's employ who have joined H.M. Forces, there has been great difficulty in obtaining the necessary labour to carry on the company's business. The table-water tax was imposed on May 1, and the effect of this, combined with the unfavourable weather during the summer, has been to reduce the sales very considerably. The directors feel that owing to the conditions referred to, it will be very difficult to show a better result during the period of the war. In view of this, and the importance of safe-guarding the company's financial position, the directors regret they are unable to recommend the payment of a dividend. Sir James Bradford and Mr. W. H. W. Idris, who retire from office, offer themselves for re-election.

Deeds of Arrangement.

THOMSON, FREDERICK, carrying on business as Greaves & Co., Fore Street, Redruth, Chemist, now residing in Sudan, Egypt, Assistant Engineer. Trustee: A. G. White, 14 Old Jewry Chambers, London, E.C., C.A. Dated, November 14; filed, December 7. Liabilities unsecured, 438*l.*; estimated net assets, 403*l.*

GREEN, WILLIAM BAKER, Somersham, Chemist and Druggist. Trustee: B. Gifford, St. Ives, Hunts, auctioneer. Dated, December 9; filed, December 11. Liabilities unsecured, 672*l.*; estimated net assets, 263*l.* The trade creditors include: Burgoyne, Burbidges & Co., Ltd. (71*l.*); Barclay (20*l.*); Sangers (17*l.*); S. Maw, Son & Sons, Ltd. (12*l.*); The British Drug Houses, Ltd. (12*l.*); Southall Bros. & Barclay, Ltd. (24*l.*); Anglo-American Oil Co., Ltd. (10*l.*); United Chemists Association, Ltd. (23*l.*).

Marriage.

MCCRICK-BURNS.—At Garden Park, Ayr, on December 7, Captain J. W. McCrirk, Royal Scots Fusiliers, to Helen Grace, daughter of the late William Burns, chemist, Ayr, and Mrs. Burns, Garden Park, Ayr.

Deaths.

BICKFORD.—At Alvington, New Glenelg, South Australia, on September 20, Mr. William Bickford, one of the proprietors of A. M. Bickford & Sons, Currie Street, Adelaide, aged seventy-four.

CHAPLIN.—At the Royal Sussex County Hospital, on November 29, Mr. James William Chaplin, chemist and druggist, 21 North Road, Brighton, aged sixty-seven.

JONES.—After a short illness and rather suddenly, on December 6, at his residence, Ampthill Road, Liverpool, Mr. James Pickering Jones, formerly of Penny Lane, aged fifty-eight. A native of North Wales, he had been in business in Liverpool for many years. He bought successively pharmacies at Aigburth, Great Crosby, Liscard (Cheshire), Smithdown Road, and Old Hall Street. Each of these he had worked up and sold, except the last, and all have remained flourishing. The Smithdown Road pharmacy was purchased by Mr. F. Rawson, who went from Yorkshire about a year since. Mr. Jones leaves a widow. The news of his decease a few hours before reached the Liverpool Chemists' Association unexpectedly at the recent meeting, and a vote of condolence was tendered. The funeral took place on December 8 at Llanfair, near Ruthin.

PARKER.—At Mount Villas, York, on November 27, Mr. Thos. Parker, chemist and druggist, aged seventy-four. For

many years he had a pharmacy at 9 Bridge Street, York, in which he was succeeded by Mr. T. Pearson Parker, his eldest son.

SOCKETT.—At Four Crosses, Oswestry, on December 1, Mr. Bert Sockett, aged thirty-five. Deceased was assistant with Mr. W. Carter, chemist and druggist, Oswestry, and was to have joined the Royal Army Medical Corps, but on the day before drowned himself in a well. He leaves a wife and little son.

STEPHENS.—At 6 Picton Road, Neyland, Pem., on November 24, Mr. George Edward Stephens, chemist and druggist, aged seventy-three.

TAYLOR.—At 23 Bank Street, Rawtenstall, on December 8, Mr. John Taylor, chemist and druggist, who was in business before August 1, 1868.

Died on Service.

ANNAL.—On June 15, from dysentery, Private John Gerard Annal, son of Mr. H. S. Annal, chemist and druggist, Melksham. This news has just been received. Private Annal was educated at the High School, Melksham, and Wellington College, Somerset. He was apprenticed to Mr. Shepherd, Clevedon, and served a season with Mr. Collins, Woodhall Spa; then went to the Bath College of Pharmacy to study for the Minor, which he passed in July 1913. After serving another season at Woodhall Spa he returned to the Bath College, where he distinguished himself both as a student and an athlete. He passed the Major examination in April 1914, then went to Mr. Mander, Malvern, for about six months, leaving him in September 1914 to join the 4th Somerset L.I. He trained at Salisbury Plain, and left for India in October. He volunteered for the Persian Gulf in May 1915, and was in several minor engagements, being wounded September 1915, and sent to hospital at Amara. He rejoined the regiment during the retreat, and was in the Siege of Kut; was taken prisoner, and succumbed to dysentery. He was buried in the prisoners' cemetery at Mossoul.

CRAWFORD.—Staff-Sergeant J. A. E. Crawford, dispenser on an Australian transport steamer, who died at sea of appendicitis on September 16, was in business in Melbourne as a chemist at the time of his enlistment.

CUNNINGHAM.—Killed in action, Private Adam G. Cunningham, of the Highland Light Infantry. Prior to enlisting Mr. Cunningham was an assistant with Mr. W. G. McNab, chemist and druggist, Gorbridge.

HARRY.—At Crystal Palace, Sydenham, on December 10, Walter Harry, of the Naval Air Service, aged eighteen. Mr. Harry was apprenticed to Mr. Gerald C. Jeeves, dispensing chemist, Lowestoft, and after being with him for two and a half years joined the Naval Air Service. On November 15 he contracted a chill at Crystal Palace, and pneumonia supervening he succumbed to this.

RUTHERFORD.—Lieutenant T. G. Rutherford, a Canadian pharmacist, who has been killed in action, aged thirty-six, lived in Ireland before he emigrated to Canada. He was for a time with Mr. J. W. Agnew, Ph.C., Belfast, and afterwards with T. R. Lester, Ltd., Cork, and Hamilton, Long & Co., Ltd., Dublin. He received his commission last January.

TOWL.—Private Douglas E. Towl, eldest son of Mr. C. E. Towl, chemist, Collins Street, Melbourne, was killed in action in France on August 23. He passed his final examination as a pharmaceutical chemist in September 1915, just prior to enlisting.

Westminster Wisdom.

By the "C. & D." Parliamentary Representative.

THE NEW MINISTRY.

The penultimate stage in the Government crisis was the acceptance by Mr. Lloyd George on December 7 of the King's offer of the post of Prime Minister and First Lord of the Treasury, and Mr. Lloyd George kissed hands on his appointment. Mr. Bonar Law had been unable to accept a similar offer previously made to him. The House of Commons met on the same day, but sat only for a minute or two. It again met on Tuesday, December 12, Mr. Bonar Law being Leader of the House. All the members of the old Cabinet resigned, but the following members have accepted office in the new Government: Earl Curzon, Mr. Bonar Law, Mr. Lloyd George, Mr. J. Austen Chamberlain, Lord Robert Cecil, Mr. Arthur J. Balfour, Mr. Arthur Henderson, and Sir F. E. Smith. The new Cabinet is to consist of five members—viz., Mr. D. Lloyd George (Prime Minister), Lord Curzon (Lord President of the Council and Leader of House of Lords), Mr. Henderson (without port-

folio), Lord Milner (without portfolio), and Mr. Bonar Law (Chancellor of the Exchequer). These will be the War Council. Mr. Bonar Law has been asked by the Prime Minister to act as Leader of the House of Commons, and will also be a member, but will not be expected to attend regularly.

Of the other new Ministers perhaps the most interesting is the Lord Chancellor, to which high office Sir Robert B. Finlay, K.C., succeeds Lord Buckmaster. Sir Robert is a medical man as well as a lawyer, having graduated in medicine at the Edinburgh University before he was called to the English Bar in 1867. His father was a leading Edinburgh doctor. We had an opportunity in 1888 of testing Sir Robert's medical knowledge. At that time the Board of Inland Revenue wanted Edinburgh chemists to pay duty on Baud's pills, Dr. Hamilton's pills, and other medicines with possessive case-names. We felt that the Board was going too far, as there was no evidence that any of the articles was a proprietary medicine. Accordingly we, through our solicitor, submitted on February 6, 1888, to Sir Robert the question, Are Baud's pills liable to medicine stamp-duty? (see *C. & D.*, February 11, 1888, p. 193, for full text), and he replied as follows:

I am of opinion that these pills are not liable to duty. "Baud's pills" is a merely descriptive term. It does not convey in common usage any idea of proprietary right, and I do not think that the duty is payable, though the label also bears the name of the compounding. My opinion rests on the view that, though in their original sense the words might convey an idea of proprietary right, yet in their current use they merely describe the article sold, just as, for instance, "Gregory's mixture."

Temple, February 7, 1888.

R. B. FINLAY.

The opinion has been of very great value to the drug-trade, for it influenced the Revenue Department, so that after the Glyn-Jones decision we submitted to them (*C. & D.*, 1904, II., 651) a number of trade names, with proof that the medicines were not proprietary, and the Board of Inland Revenue agreed that the preparations were not liable to duty. The preparations were liver-pills (Sir Andrew Clark), Hamilton's pills, Christison's pills, and Dobell's aperient. Since then others have been added on the grounds laid down to us by the Board (see *C. & D. Diary*, p. 366, for the lot). We believe that the new Lord Chancellor's opinion had great weight in influencing the Department, to the chairmanship of which Lord Milner succeeded in 1892. Sir Edward Carson, the new First Lord of the Admiralty, was Solicitor-General when Farmer v. Glyn-Jones came into the High Court in 1903, and he argued the case for the Crown, Mr. Asquith being against him.

Dr. Christopher Addison, the new Minister of Munitions, is M.D., B.S. (Lond.), F.R.C.S., and as a medical man looked after medical interests when the National Insurance Bill was before Parliament. Mr. Glyn-Jones working with him for the drug-trade. Sir Alfred Mond, Bart., succeeds Mr. Lewis Harcourt as First Commissioner of Works. He is the second son of the late Dr. Ludwig Mond, and a director of Brunner, Mond & Co., Ltd., but that position and others similar he has resigned on taking office. Lord Rhondda, the purchaser of the Sanatogen group of proprietaries, is the new President of the Board of Trade, and Lord Devonport is the first Food Controller. He was Mr. H. E. Kearley, of Kearley & Tonge, the big grocers, and was Parliamentary Secretary to the Board of Trade in 1905-9. A characteristic of the new Ministry is that it breaks away from the tradition that a man must not hold office in respect to a matter in which he is expert. There are more experts in the new Government, for example, Lord Devonport's second in the food business is Mr. Charles Bathurst, who was a member of the Patent Medicines Committee. He is a learned agriculturist, and a man experienced in cattle breeding and rearing, so should be a really good food worker. Mr. Bathurst is a gold medallist of Cirencester College, and a F.C.S. Sir George Cave, K.C., is the new Home Secretary. It is stated that Mr. Charles Roberts, who represented the Insurance Commission in the House of Commons, has resigned his office as Comptroller of the Household. We understand that Mr. Roberts has not been particularly happy as head of the Insurance Commission. It is stated that Sir L. Worthington Evans, Bart., M.P., will succeed Mr. Roberts. We may recall the fact that Sir Worthington is very well informed regarding the Insurance Act, and was one of the most active Members in its passage through the Commons. In the early days of the *C. & D.* his father was our legal adviser.

THE COCAINE INQUIRY.

The Departmental Inquiry which is being conducted by a Committee presided over by Mr. Charles Hobhouse, M.P., has, it is stated, made progress with its investigations. It is probable that a report on the matters referred to will shortly be presented to the new Home Secretary.

Trade Notes.

PAREX DENTAL-CREAM is the predominant feature of "Maw's Page" this week.

CAPSICUM TISSUE.—Robinson & Sons, Ltd., Chesterfield, offer to supply samples and prices of their capsicum tissue, which is prepared with Gamgee tissue as a basis.

JAPANESE CHEMICALS.—Metabolaburo Tanabe, Tokyo, Japan, gives in an advertisement in this issue a list of the chemicals and drugs which he is in a position to supply.

NAPHTHALINE, naphthas, and carbolic and cresylic acids are special lines with J. M. Steel & Co., 3 Thames House, Queen Street Place, London, E.C. This firm are first-hand suppliers.

FINE CHEMICALS.—A list of the fine-chemical products of the Saccharin Corporation, Ltd., 36 and 37 Queen Street, London, E.C., is given in the company's advertisement in this issue.

THE CITRUS OILS CO., Acireale, Sicily, have appointed W. H. Hobbs & Co., Ltd., Trinity Place, London, E.C., as agents for the sale in the United Kingdom of "Ig. Siles" brands of bergamot, lemon, and orange oils.

ROSETTOL IN "C. & D. DIARY," 1917.—Since the C. & D. Diary was printed, Wright, Layman & Umney, Ltd., have advanced the price of Rosettol to 17s. 6d. per oz. Will subscribers please make the alteration on page iii of the Diary?

LICORICINE.—The revised prices for Licoricine, "Red Bottle," and "Spasm Drops," made by Mandall & Co., Ltd., Stockton-on-Tees, are advertised in this issue. These are: 10*2d.*, size, 8s. 6d. per doz.; 1s. 3*d.*, size, 12s. 3*d.*, per doz.; 3s. size, 27*s.* per doz. The fixed minimum retail rates are as mentioned above.

DISTILLED WATERS.—The Salutari Co., Ltd., 236 Fulham Road, London, offer "A.D." distilled water for use by chemists in dispensing. This is supplied at 4*d.* per gal. in six-gallon quantities, and is delivered free in the London area. The company's advertisement gives further particulars of this interesting offer.

METOL DERMATITIS.—The Peat Products (Sphagnol), Ltd., 18 and 19 Queenhithe, London, E.C., have prepared a special leaflet regarding the beneficial effects of sphagnol ointment in the treatment of dermatitis caused by metol and other chemicals. It could usefully be brought to the notice of local photographers, professional and amateur.

GLYCEROPHOSPHORIC ACID and all glycerophosphates, as well as ether pharmaceutical chemicals and galenicals, are manufactured by Darrasse Frères, Paris, for whom the British agents are the Anglo-French Drug Co., Ltd., Gamage Buildings, Holborn, London, E.C., to whom inquiries should be addressed regarding the products named in their advertisement.

WESTMINSTER COLLEGE.—This old-established School of Chemistry, Pharmacy, and Botany is being removed on January 1 to 190 Clapham Road, London, S.W.; up to that date communications should still be sent to the old address at 402 Clapham Road, S.W. The new premises are an improvement on the old building, the accommodation of which has for some time been overtaxed.

SOLOID NASO-PHARYNGEAL (EUAINE) COMPOUND.—Burroughs Wellcome & Co., Snow Hill Buildings, London, E.C., have brought out a new solid naso-pharyngeal compound, which differs from the older popular product in containing eucaine in place of cocaine. The solids are employed, dissolved in water, as a gargle or spray in irritable conditions of the nose and throat, and also as a lotion in conjunctivitis. They are sent out in triangular bottles of 25 and 100.

CHRISTMAS PRESENTS that chemists can sell now and please their customers by are supplied by Edward Cook & Co., Ltd., Bow, London, E. Of soaps there are (1) the "Golden Gleam" series, a dozen ovals in a box; (2) "Violet Cream," an old favourite, three cakes in a box; (3) a tie-box, with four square cakes in it, an excellent line. Besides these there are the "Lasso" and "Scout" tablets, each in an individual case; Cook's pure coal-tar soap (three eakes in a box, each cake wrapped), and the household favourites, "Throne" primrose soap and the "Lightning." For men the "Solaco" shaving-stick is a favourite, and other articles that customers appreciate as utility gifts are the "Royalist" carbolic tooth-powder, Cook's "Hygeso" (hygienic tooth soap) and the "Throne" bouquet perfume, the last in neat stoppered bottle. There is time for home retailers to get these and bring them under the notice of customers, by whom they will be welcomed.

PEARS' ANNUAL, 1916.—A. & F. Pears, Ltd., New Oxford Street, London, W.C., have brought their Annual to its

semi-jubilee, for it was first issued in 1891, and the 1916 issue, just published, completes the cycle. The contents are exceptionally interesting, and the printing is remarkably good, all the illustrations to the literary matter being produced in colours, while three beautiful pictures are presented with each copy. The pictures are "The Matchmaker," by Charles Brock; "Reverie," by J. W. Godward, the latter being of the Alma Tadema style, with plenty of marble and a beautiful girl; and the third is "A Bid for Friendship," by G. Sheridan Knowles, printed in monochrome. The Annual contains five tales and several poems. The tales are "The Woman in the Cloak," by H. de Vere Staevens; "Christmas up to Date," by Fergus Hume; "Nice Present for Mary," by Keble Howard; "Mrs. Platoon Commander," by Boyd Cable; and, "Upon the Eve of Christmas," by Max Pemberton. The first and last are far above the high-water mark in dramatic power. Keble Howard's tale is clever and good, as may also be said of the other narratives. Of the poetry, "An Old-time Xmas," with four pages of pictures by Hassall, is admirable. The Annual is published at a shilling, and is evidence that A. & F. Pears have in such work an individuality of their own.

"SYMPHELITE" SPIRIT STOVES and accessories made by the Sympelite Co., Shanklin, I.W., and 77 Craven Street, London, W.C., are well worth chemists' attention.

Cod-liver Oil: Something New.

At last week's meeting of the Chemical Society, Mr. A. C. Chapman told the results of his examination of pure cod-liver oil from Lisbon, which yielded 89 per cent. of unsaponifiable matter supposed to be mineral oil. Mr. Chapman treated the unsaponifiable portion of the oil by distillation over sodium, the main fraction passing over at 263°-269° C. under 10 mm. pressure. A clear, colourless, liquid obtained on redistillation had a lemon odour when warm, and boiled practically at the constant temperature of 280° C. at 17 mm. From determinations of carbon and hydrogen the author assigned to this new hydrocarbon the formula $C_{28}H_{52}$, this being confirmed by determination of such physical constants as the molecular refraction and dispersion. The molecular weight as determined by the cryoscopic method gave 384 instead of 388 demanded theoretically. It was optically inactive, and from questions of the molecular refraction and dispersion, and also from the nature of the bromine, hydrogen-chloride, and nitrosyl-chloride compounds obtained, it apparently contained three ethenoid linkages in its structure. In connection with the bromine compound, Mr. Chapman said that hydrobromic acid was always eliminated, showing easily replaceable hydrogen in the molecule, giving the brom compound $C_{28}H_{52}Br_2$, six bromine atoms entering the molecule by addition and six by substitution. A tri-brom derivative had also been obtained. The bromine compound was polymorphous, first appearing in an amorphous form, and gradually passing through a variety of crystalline forms to laminae. This was illustrated by lantern-slides. The hydrogen-chloride and nitrosyl-chloride derivatives had also been fully investigated. By combination with hydrogen in contact with platinum-black the saturated hydrocarbon of the ceto-eosanes $C_{28}H_{56}$ was obtained, giving a molecular refraction and dispersion of 130.7 and 3.23, against 130.9 and 3.25 theoretically required. Mr. Chapman finds that his new hydrocarbon absorbs oxygen after the manner of linseed oil to form hard films, and he is now engaged in the investigation of the effect of ozone upon it.

Information Department.

INFORMATION WANTED.

Postal or telephone information with respect to makers or first and suppliers of the undermentioned articles will be appreciated	
151/24. "Ferrolactin."	154/62. Novamidon tablets.
151/27. Life-saving jacket for airman flying over sea.	155/68. "Everclean" soldier's belt.
149/6. Wolff's Channel embro- cation.	155/60. "Calettes" (Torby & Co.); address.
152/62. "Danas" dental-plate brushes.	155/71. "Eneu Mol."
152/63. Huile de Cretone.	156/65. "Bomfala" bath spa salt.
154/62. "Camphoid."	158/21. Ammol tablets.
154/62. Wellman's anti-rheu- matic discs.	158/38. White's eyeshades.
153/9. "Phosphos."	158/33. "Crau-Cran" ointment.
159/59. "Infantibus" rubber nipple shields.	159/37. Benbow's alterative powder for horses.

Observations and Reflections.

By Xrayser II.

The Epidemic of Influenza

is claiming all sorts of victims, but in those cases which I have come in contact with the trouble is usually of short duration, and a statement made in some of the newspapers last week was to the effect that a forty-eight hours' influenza exists. I have had the opportunity of observing how four persons out of about a score in one room were attacked, and a feature of these cases was acute pain behind the eyes and great sensitiveness to light. I find that ammoniated tincture of quinine is a very effective remedy. I find, too, that some of the victims have particularly foul tongues, and for such a dose of calomel is really about the best cathartic we can give. The public still consults us in spite of National Health Insurance, and is grateful for the prompt relief that follows the simple medication referred to.

The Sugar Trouble

is becoming more acute, and the prospect seems to be that we shall all be put on sugar rations like the Germans. This really is the only fair thing to do. It is simply impossible for many of the poor to buy sufficient provisions to entitle them to a pound of sugar, whereas people of wealth are able to get all they want without difficulty. I hear of householders taking in a hundredweight of sugar at a time, though I am also informed that dealers have been warned by the Board of Trade that this cannot be allowed. The discussion as to the safety of saccharin is natural, considering the great demand for this substance and the ignorance of many people regarding it. I have never heard that any harm has followed the use of saccharin, and some of my customers have taken it regularly for years.

The December Meeting

of the Pharmaceutical Council naturally suggests a pharmaceutical stocktaking for the year: how do we stand now in comparison with our position at the end of last year? As regards N.H.I. work we have gained a fractional increase for two years of the establishment-charge, but it can hardly be said that this is sufficient to meet the increased expense entailed by war conditions, and it leaves us after the war exactly where we were before. Stock mixtures are still "going strong"—stronger than ever—and Rept. mist., though somewhat curtailed, is yet with us. We have been in more or less continual debate with the authorities on these and other subjects, but as regards most, if not all, of them we have "come out by the same door wherein we went," and I do not exaggerate the general impression in saying that on the whole our position has not improved.

The "Constructive" Policy

for the future, on which the Council seems to pride itself, is much of it evidently due to outside criticism filtering through to the Council by way of the Local Associations and the Executive Committee. There is, however, such a thing as excess of zeal, and some of the suggestions thus received are of very doubtful utility, while others are obviously quite beyond the sphere of practical politics. The proposals for the making of membership compulsory on all pharmacists in business, and for the restriction to these of all dispensing, are such stuff as dreams are made of, and though their consideration may have a certain academic interest, we must not accept pious opinions in lieu of actual business. One matter that came before the Council is unreservedly welcome—I mean Mr. Ransom's offer of a Research Fellowship. This is a timely and a noble gift, and the donor will receive the warm thanks of all pharmacists.

Mr. A. H. Jenkin

is one of the chief apostles of compulsion, and his advocacy is as plausible as anybody's, but

he does not make out a very strong case for the policy, to say nothing of its feasibility. Let us take the last first. How is Parliament to be persuaded that compulsion would benefit the public, whose protection, and not the aggrandisement of the Society, is the object of the Pharmacy Acts? Pharmacy may be a profession, but it is also a trade, and while it is such the Legislature will never force pharmacists into what, were the ideals of Mr. Jenkin and his friends to be realised, would be to all intents and purposes a trade union. But suppose it were done, what would be the result with regard to the particular reform Mr. Jenkin hopes thus to effect—the destruction of our "bureaucracy"? Bureaucracy does not depend upon the number of people represented, but on the constitution of the government. In itself compulsion would not at all affect this; would it enable us to change radically our whole system of representation? It is very doubtful. In any case, if compulsory powers are to be asked for, it should be as part of a complete scheme of reform, not as a possible preliminary to it.

Personalities.

Authenticated notes are inserted without charge if not in the nature of advertisement, and subject to Editorial approval.

MISS D. J. JARVIS has been appointed dispenser at the Pontypridd Union Infirmary.

SIR JAMES MACKENZIE, M.D., has resigned his post on the Final Medical Appeal Board.

PROFESSOR G. SIMS WOODHEAD, M.D., has been re-appointed consultative bacteriological adviser to the Metropolitan Asylums Board at a salary of 105*l.* a year.

MISS DORIS LAYCOCK, daughter of Mr. James Laycock, pharmacist, Hurlingham, S.W., and a classical scholar at Newnham College, has passed the examinations for B.A. London with classical honours.

AT THE ANNUAL MEETING of the Aberystwyth Lodge of Freemasons, held on December 7, Bro. W. Miall Jones, Ph.C., was appointed J.W., Bro. E. Williams Wynne, M.P.S., appointed J.D., and Bro. E. P. Wynne, M.P.S., almoner.

SIR SAMUEL B. BOULTON, BART., informed the Barnet Petty Sessions on Wednesday that he intends to resign the chairmanship in order to devote himself to the war work of the companies in which he is interested. Burt, Boulton & Heywood, Ltd., is one of them. Sir Samuel was born on July 12, 1830.

MR. JOHN NETHERWAY, F.C.I.S., has been elected a director of Allen & Hanburys, Ltd., and of the five subsidiary companies operating in Canada, Africa, Australasia, South America, and Russia. Mr. Netherway joined the company as confidential secretary to the directors in June 1894, shortly after its incorporation as a limited-liability company. He was appointed secretary to the parent company in 1900, and became secretary to the subsidiary companies upon their formation. Mr. Netherway was elected a Fellow of the Chartered Institute of Secretaries in 1902. During the period of his secretaryship (which Mr. Netherway will continue to hold) the share capital of the company has increased from 75,000*l.* to 480,000*l.* In 1900 the shareholders numbered less than fifty; at the present time the shareholders and debenture-holders total nearly 1,700, for the greater part members of the medical profession and pharmacists.



MR. J. NETHERWAY.

"COOPERED—ODOL."—*The Star.*

NINETY YEARS AGO.—We hear with much pleasure that medical men are now establishing a plan which will render the practice of medicine much more satisfactory to the public. The plan is to relinquish the dispensing of medicine, by being remunerated solely for their attendance, and leaving the patients to send their prescriptions to a chemist to be prepared.—"Sunday Times," October 29, 1826.

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PATENTS AND TRADE MARKS.

There are many worrying difficulties to be overcome in connection with the Registration of Trade Marks and the grant of Letters Patent which members of the Retail and Wholesale Drug Trade can avoid by consulting an efficient agent, who would undertake all the trouble for an inclusive fee and obtain protection in the United Kingdom and abroad. Advice in the first instance free. Pamphlets gratis.

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Editorial Articles.

November Foreign Trade.

THE Board of Trade Returns for November show imports valued at 88,922,506^{l.}, being 17,360,232^{l.} more than in November 1915, and exports 42,488,254^{l.}, which was 6,849,088^{l.} more. There was a decrease of 1,175,923^{l.} in re-exports of Colonial and foreign produce, the values being 7,136,780^{l.}. This decrease is due to the tightening of our blockade of Germany. Among the imports we note that oilseeds and the like advanced 1,583,277^{l.} to 5,248,542^{l.}, this being mainly in values. Petroleum imports increased by 6,784,748 gals., and the values by 1,177,603^{l.}, but in the eleven months of the year we have received 124 million gallons less than in 1915, while the cost was 6,570,000^{l.} more. There was a decline of 167,607^{l.} in our purchases of chemicals, drugs, dyes, and colours from abroad, the biggest falling-off being in unenumerated dyestuffs by 1,740 cwt., or 137,461^{l.}. Glycerin fell by 10,296 cwt., or 39,983^{l.}; saltpetre by 14,653 cwt., or 18,012^{l.}; sulphur by 31,067 cwt. (value increased by 4,565^{l.}); and miscellaneous chemicals declined by 47,160^{l.}. Quinine imports were 179,581 oz., the value of which was 11,079^{l.} less than a year ago, and there was an increase in Peruvian bark of 296 cwt. Calcium carbide was up by 51,325 cwt., the value being 40,749^{l.} more. Quicksilver increased by 21,603 lb., and the imports have been fairly well maintained this year. As regards exports there was an advance of 5,841,931^{l.} in the value of manufactures compared with November 1915; while the total for the eleven months has increased from 267 millions in 1915 to 302 millions this year. The figures for chemicals and drugs are:

	1914	1915	1916
	£	£	£
November	1,397,785	2,088,724	2,595,074
January-November... 18,034,400	20,369,225	25,646,772	

The increase is due to higher prices, as the quantities of the principal chemicals exported practically all show a reduction. Thus on the year we have 139,611^{l.} as the cost of 168,709 cwt. of bleaching-powder, and last year 465,126 cwt. cost only 168,266^{l.}. Copper sulphate is about double the value of last year, when 62,549 cwt. cost 1,537,950^{l.}, while 35,425 cwt. cost 1,530,809^{l.} this year. Glycerin has changed little, the 110,284 cwt. exported this year being valued at 426,505^{l.}, whereas 213,193 cwt. cost 759,500^{l.} last year. The most notable figures in this section of exports are the increase of medicines. Figures are given for opium, quinine, and "other sorts," the total for November being 410,194^{l.} (in 1915 it was 320,118^{l.}), and 4,125,963^{l.} for the eleven months, compared with 2,745,412^{l.} in 1915 and 2,079,444^{l.} in 1914. For "other

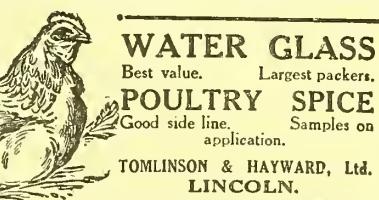
PHARMACEUTICAL FORMULAS. (9th Ed.) 10/-, by Post 10/6.

ART OF DISPENSING. (9th Ed.) 596 pages. 6/-, by Post 6/5.

CHEMISTS' DICTIONARY OF SYNONYMS. 2/6, by Post 2/9.

THE CHEMIST AND DRUGGIST, 42 CANNON ST., E.C.

Index Folio 1244



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sorts" alone the figures are 386,420*l.* for November and 3,853,222*l.* for the eleven months; while the other figures are: Opium 32,086*l.*, value 57,927*l.*; and quinine 1,620,348 oz., value 214,814*l.* The values are much higher in these articles than last year. This is, of course the first time in history that the daily exports of medicines have reached 13,673*l.*, this being on the November basis; and leaving out opium and quinine the daily exports of medicines were valued at 12,880*l.*

Cocaine Matters.

THE HOME SECRETARY notifies that the permission granted to unregistered persons *bona fide* engaged in practising dentistry on July 28, 1916, to purchase cocaine preparations containing not more than 1 per cent. of cocaine, for use solely as local anaesthetics in connection with dental work, has been extended to January 15, 1917. There is also a point about dispensing cocaine that is worth consideration by dispensing chemists. One of the additions made last week to the cocaine regulations (*C. & D.*, December 9, p. 34) is embodied in italics in the following quotation:

"The expression 'cocaine' includes all preparations, salts, derivatives, or admixtures prepared therefrom or therewith, and containing 0.1 per cent. (one part in a thousand) or more of the drug, or any solid or liquid extract of the coca-leaf containing 0.1 per cent. or more of the drug."

The effect of the addition is probably to change the meaning of the word "drug." Before the addition it was construed by pharmacists and others to mean "cocaine," but after the addition we have to interpret "admixtures prepared from any solid or liquid extract of coca-leaf containing 0.1 per cent. of the drug." Coca-leaf is the last drug mentioned, but perhaps "extract of coca-leaf" is what the Home Office meant. Anyway, owing to the addition we have the choice of cocaine, extract of coca (two forms), and coca-leaf. It appears, however, that the Home Office thinks that the conditions applicable to the sale of cocaine apply also to the dispensing of it—an extraordinary idea considering the absence of the conditions from a, b, c, d, and e provisions in Regulation 40B and the provisions contained in the Pharmacy Act, 1868, Section 17, and the Sale of Poisons (Ireland) Act, Section 2. The Home Office is not a judicial body, but it is primarily responsible for 40B, and it may be able to choose one of the three things that chemists have to do when dispensing cocaine preparations. Also it may be able to point out what part of the regulations supersedes, as regards coca and cocaine, the dispensing conditions as to non-declaration of ingredients of medicines dispensed, which were enacted by Parliament in 1868 and have been adopted in every part of the British Empire. (See also p. 35.)

Stock Mixtures.

THE introduction by the National Insurance Commissioners in England and Wales of provision for the dispensing of stock mixtures (*C. & D. Diary*, 1917, p. 373) did not settle a difficulty which is troublesome. Some of the Government authorities regard stock mixtures with disfavour, just as the majority of dispensing chemists do, although a few among the latter appreciate the fact that English dispensing doctors have been in the habit of using concentrated mixtures and cannot be broken of the habit, so they regard the Commissioners' stock-mixtures provision as inevitable and businesslike. In the circumstances it is interesting to have a decision upon the matter by an independent authority. This has been given by the National Association of Insurance Committees, which recently held its annual meeting and came to a definite decision on the matter. It appears that in consequence of a communication from the West Ham Committee the National Association asked the British Medical Association and the Pharmaceutical Society of Great Britain to express their opinions on the matter, as reported in our issue of April 1, p. 43. These replies were submitted to the Association, with the result that at the Benefits

Committee of the Executive Council of the Association the following resolution was adopted:

"That this Committee, having given careful consideration to the communications received from the British Medical Association and the Pharmaceutical Society of Great Britain with reference to the question of stock mixtures, which are in use in one form or another, and in varying degrees, in most areas, and having regard to the fact that a list of stock mixtures has been agreed upon by the National Health Insurance Commission, the British Medical Association, and the Pharmaceutical Society of Great Britain, is of the opinion that sufficient cause has not been shown for the abolition of stock mixtures."

When this resolution came before the Executive Council it was referred back on the motion of Mr. P. F. Rowsell. At a later meeting of the Executive Committee a resolution was received from the Welsh Association, which viewed with much disfavour the use of stock mixtures for insured persons, and strongly deprecated the power given to Panel Committees to select any of the Commissioners' mixture-forms without previously consulting Insurance Committees. It was decided to recommend the adoption of this resolution by the English and Scottish Associations, but there are no stock mixtures in Scotland. Here the matter ends except that the Executive Council will be called on, if necessary, to receive and to consider any evidence on the matter which Insurance Committees may desire to put forward. It is clear that the National Association is recognising the possible dangers that their clients (insured persons) are subjected to by the stock-mixtures provision, and they realise that in those parts of the country where medical practice is more perfected their clients are not subjected to the possible danger of stock mixtures.

Ransom Research Scholarship.

WE understand that the research scholarship founded by Mr. F. Ransom is not to be strictly confined to drug-growing, but is intended to embrace all questions, both botanical and chemical, connected with crude drugs. Full particulars in regard to the scholarship will be published later.

"C. & D. Diary," 1917.

OUR binders have been busy this week despatching the 1917 *Diary* to all our subscribers in the United Kingdom and Ireland. We expect that all copies will be delivered before the end of this week. Any subscriptions now due should be renewed at once, as our supply of *Dairies* is very limited, and only those whose subscriptions are now in force can be sure of getting it.

Insets.

SINCE its earlier days, the *C. & D.* has inserted in certain of its issues special forms of advertising now known as insets. Our Publisher is arranging for the insertion of a series of these in the Winter Issue of THE CHEMIST AND DRUGGIST, to be published on Saturday, January 27, 1917. We ask those interested to write to him for the printed particulars which he furnishes for the guidance of printers.

Table-waters Duties.

THE definition of table-waters in the *C. & D. Diary*, 1917, page 383, should read as follows:

"Table-waters" are defined to include "any aerated waters and any beverages sold or kept for sale in bottles, except (1) any liquor for the retail sale of which an Excise licence is required, and (2) any syrups or other liquors intended to be consumed only in a diluted form." "Bottles" includes casks or other corked or closed receptacles.

Users of the *Diary* should strike out the words "it also includes" and insert (1) and (2) as in the above.

Glycerin : Take Care!

WE print on pp. 51-52 correspondence which has passed between the Propellants Branch of the Ministry of Munitions and Mr. G. F. Godson, of Nottingham. This is simply to assure chemists and druggists that they are on the right lines in strictly following the Branch's instructions to use glycerin for medicinal purposes only. We know how badly grocers are violating the instructions by the way they are dealing in glycerin, and we deplore

this. In Germany two years ago the distribution of glycerin by the War Department was limited to apothekers, and the amount was restricted. Our Propellant Branch's instructions should be strictly followed, for that is the best assurance for present conditions being continued, and we cannot forget that there are in this country about 50,000 shops in which the public can buy glycerin, and every ounce of glycerin would, as an explosive, propel a big shell. It is this firing, and not the cosmetic and medicinal uses of glycerin, that is the measure of our nation's need for it—a fact which all handlers should not forget.

"Odol."

With reference to the sale of Odol constituents, it will be noticed from our report that the purchaser proposes to alter the name of the preparation. It will be remembered that an application was heard on April 14, 1915, to avoid the "Odol" trade-marks, 171,016 and 255,118 (*C. & D.*, April 17, 1915, p. 44), but the Board of Trade refused the avoidance; the principle adopted by the Board of Trade, in cases of this character, being that it is not intended to transfer or license the use of such marks to other traders when it is known that the goodwill of the business is merely that connected with the sale and distribution of a preparation made in Germany, and not in this country. This principle has been followed in the case of Odol, but we cannot reconcile it with the fact that the dentifrice was actually compounded in London.

Mobilising Medical Men.

THE remarks of Sir Donald MacAlister, in his presidential address to the General Medical Council, regarding the response of medical men to the call for service with the Forces, have led to a mild controversy on the subject in the medical and lay Press. The difficulty seems to be that while the younger medical men are wanted for service, there is no power to utilise in the best way the services of the older doctors who remain for the benefit of the civil population. There is talk of a mobilisation of the medical profession, which means the shifting of those medical men not taken into the Army to districts which have been denuded of doctors. There are suggestions of compulsory powers being sought owing to the attitude of some of the profession towards the movement, which "The Times" suggests is dictated by too nice regard for the conservation of lucrative practices. The "British Medical Journal" states:

"We admit that the word 'mobilisation' is greatly in need of definition; but we take it to mean in principle that every medical man and woman should formally undertake to place his or her services at the disposal of the governing authorities of the country, to give such service, whether military or civilian, as may be indicated, and, if civilian, to render the service in any place in Great Britain. The need for the application of this principle of general mobilisation of the whole profession may be nearer than many of us have supposed; there are, indeed, many who believe that the time is already ripe for action."

It may be that many medical men who combine a drug-business with their profession will be brought to see that it would be better if they confined themselves to medical attendance and left the dispensing of medicine to pharmacists. The economy in the time of dispensing doctors would in this way be enormous.

PARIS SOCIETY OF PHARMACY.—A war-time problem cropped up at the recent meeting of the Paris Society of Pharmacy. MM. Legeay and Wagner, both actually serving as pharmacist-majors in the army, wrote to present themselves as candidates for the Society's annual competition, each annexing, as the regulations require, a copy of his thesis on natural science. These theses having been presented during the scholastic year 1913-14, ought to have been handed in before October 1. But as both these scientists have been mobilised since the war broke out, the Society was loth to give an absolute refusal. Professor Bourquelot suggested that a special competition should be opened at the end of the war for such candidates as had not been able to present their essays in proper time (open to all those who had sustained theses in 1914-15-16), and this idea was adopted.

Pharmaceutical Society.

North British Branch.

THE DECISION of the Executive Committee not to abandon the evening meetings this winter was justified by the success of the first meeting, held at 36 York Place, Edinburgh, on Wednesday evening, December 6, when Mr. David Gilmour, Ph.C. (Chairman of the Executive), presided, and delivered an inaugural sessional address on "Pharmacy and the War." Mr. Frederick Penfold (Bristol) also communicated a note on "Liquor Bismuthi et Ammonii Citratis, B.P.;" Mr. Alexander McCutcheon, Kingussie, sent a paper on the "Harvesting of Sphagnum Moss," along with specimens; and Mr. J. Rutherford Hill read a paper on "Formaldehyde and Potassium Permanganate Fumigant." There were good discussions, and a detailed report of the whole proceedings would occupy half-a-dozen pages of this number. It is better, therefore, to put the matters more concisely.

PHARMACY AND THE WAR.

MR. GILMOUR divided his address into four sections: (1) "Pharmacists' Contribution to the War," (2) "The Passing of the Boy Apprentice," (3) "War Prices," and (4) "Earlier Closing." It was a good address. Mr. Gilmour began in the first section by saying that he knew no occupation from which young men could be less spared than from pharmacy, but the trade has responded bravely to the war call, 70 per cent. of the staffs of wholesale houses having joined the Service, and in his own town (Dunfermline) 100 per cent. of the young men have gone. He mentioned the advantage that Insurance dispensing agreements have been to dispensing chemists. The passing of the boy apprentice is one of the results of the war. Until it began the boy's position in pharmacy was not threatened, but now girls and women are coming in and have got a firm footing in pharmacy. He recalled the long and uphill fight that women have had in their efforts to become doctors, and mentioned recent indications of progress—e.g., Edinburgh University is now admitting women to its medical classes; in fact, two-and-a-half years of war have done more to break down barriers against women than generations of argument. Mr. Gilmour believed that the girl apprentice has come to stay, because of her proved adaptability for the work, and in exemplification he mentioned how much tidier girls are; they are diligent in business, keep stock well, dispense carefully, correctly, and smartly, and their advent is welcome. He also mentioned the fact that girls are readier to pass the Preliminary examination than boys have been, and suggested that this might be due to the fact that girls are kept longer at school. All the girls who have entered his business had all the certificates required for the examination, and some to spare, the result being that they began with the legitimate work in pharmacy right away. Mr. Gilmour referred to remuneration, suggesting that there can be no levelling-down of finance but a levelling-up of remuneration for good service rendered. Beyond this stage he could not go, and he held out no rosy views as to women setting up pharmacies of their own. The time, place, and condition is not always a matter of choice at all. Women must be prepared for any and every eventuality, and simply take their chance in the struggle of life. How will the position be affected at the close of the war? He considered that this cannot be answered without full consideration of the young men who have left at different stages of their apprenticeship to take up military duties, and he submitted that their old employers should take these young men back in order to finish their apprenticeship from the time they had left off. Mr. Gilmour then proceeded to give some interesting particulars regarding the extraordinary prices ruling for certain drugs and chemicals.

Some remarks followed about people's habit in drug-taking, and Mr. Gilmour spoke of the use and abuse of certain classes of chemical remedies such as aspirin, bromide of potassium, and phenacetin, which until war-time people had got into the habit of taking as something that they thought they needed, although they did not really require them. After a careful study of the position he had come to the conclusion that there has been a growing tendency in recent years to self-dosing, whether the malady is real or imaginary. This had got into a habit, but owing to the greatly advanced prices of the drugs people have greatly reduced their consumption. He spoke also of headache-powders, mentioning that before the war the 10-gr. powder of phenacetin and caffeine was a common thing, but the dose is reduced now to 5 gr. or less, and it appears to do as much good. Aspirin as the

alpha and omega in all troubles was also mentioned, the moral being that just as the war has brought us all face to face with the realities of life and death in many directions, so also has it overhauled the whole ethics of pharmacy. Mr. Gilmour also spoke about the manner in which prices have been maintained during the war, and expressed the hope that after it chemists will retain some of the present independent spirit in making a price, especially for the proprietary articles on the market, and will not be dragged down to the insane cutting competition which previously prevailed. In respect to pricing, the war has done what countless Conferences have failed to achieve, and he hoped that chemists would profit by the lesson. In speaking of war economies Mr. Gilmour made some interesting statements respecting the change among customers in his locality in regard to the packing of medicines. Many now do not expect the finishing-off that has long been so common in the drug-trade, with the result that white paper, twine, wax, and other incidentals for which the chemist is not paid are saved. Mr. Gilmour hoped that abolition of the penny line will be considered by the trade before the war is finished. Some pertinent remarks in regard to the effect of the early-closing orders followed. General earlier shopping makes closing easier. The moment the earlier-closing order came into force customers adapted themselves to the situation; they are now purchasing earlier, and the day's drawings are not affected in the least. Mr. Gilmour concluded thus:

"The hour gained on Saturday night especially is simply a boon. How often we have been apt to forget the great truth that 'man shall not live by bread alone.' What fitting preparation was there in body, mind, or spirit for entering upon the Sabbath Day and its duties and privileges with the week-day work pressing in upon it so closely? To some of us it does not matter much now what happens, but if the reflection on the loss of much social and domestic happiness over our own deplorable hours would help the younger members to keep firm hold of every advantage gained, then we would urge this upon them with all our might."

Mr. W. B. COWIE moved, and Mr. THOMAS STEPHENSON seconded, a vote of thanks to Mr. Gilmour, both expressing high appreciation of his address.

THE OTHER COMMUNICATIONS

were then received, Mr. Penfold's on "Liquor Bismuthi" being read by Mr. J. TAIT. It dealt with the difficulty that occurs when the B.P. directions are followed—viz., to mix 52 grams of citric acid and 70 grams of bismuth oxynitrate with 20 mils of distilled water. This has to stand for half an hour, with occasional stirring, but a hard mass often results, and Mr. Penfold suggested that the water should be quadrupled and the directions altered to read as follows:

"Powder the citric acid and mix it in a mortar with the bismuth oxynitrate and eighty millilitres of distilled water. Allow the mixture to stand for two hours, or until a small portion is completely soluble in solution of ammonia. Pour on to a calico or white-paper filter. Collect the filtrate and with it rinse the mortar till none of the mixture adheres thereto. Pour the rinsings on to the filter. After draining wash the residue with one thousand millilitres of distilled water poured on to the filter in successive small quantities. Pour slowly over the filter, while still moist, ninety millilitres of solution of ammonia, agitating meanwhile with a glass rod to promote solution. Collect the filtrate and pour it over the filter again so as to allow the solution of ammonia to dissolve as much as possible of the citrate on the filter. Repeat this process, adding a little fresh solution of ammonia if required until all the citrate is dissolved. Add sufficient distilled water to produce one thousand millilitres of the solution."

Mr. W. DUNCAN, Mr. LOTHIAN, and Mr. COWIE spoke on the paper, Mr. Duncan stating that most dispensing chemists now appear to buy their own liquor bismuthi.

Mr. McCutcheon's paper on "The Harvesting of Sphagnum Moss" was a record of good work done. He claimed that sphagnum, or bog moss, as a surgical dressing, particularly in war-time, seems to have originated with the Celtic races in Scotland, Ireland, and Wales, and its modern use is a revival of an ancient Celtic practice. At Clontarf, in Ireland, it was used in 1014 as a war dressing, and at the Battle of Flodden the Highland soldiers staunched their bleeding wounds by filling them with bog-moss and soft grass. Consequently upon the public appeal for the moss, in May 1915 Mr. McCutcheon, as a Scoutmaster, took local boys during their school holidays to the hills in the Craig Buidh district. He told how he took the boys over the hills, led by a pipe band, with side drums and so on, showed them the moss, and how to pick it. Many interesting particulars of the work were given, and incidentally the author stated that it takes about 20 lb. of fresh moss to yield 1 lb. of the dried. After mentioning many facts regarding where the moss grows in the Badenoch and Speyside districts, the author stated that *Sphagnum cymbifolium* (boat-leaved bog-moss) is the variety that is most appreciated, but

it is not so abundant as the other two varieties. *S. acutifolium* and *S. cuspidatum* are frequently found growing together. Mr. McCutcheon mentioned the uses to which the moss has long been put—e.g., it is placed inside boots to prevent or to heal blisters, and at one time large quantities were sent to foundries for the blast-furnace men to use as a protection against heat or as a dressing for burns. Records of its use exist as far back as the beginning of the eleventh century, but before that time it was much employed in households. Mr. McCutcheon then dealt with its uses as a war dressing, and speaking of its absorptive power gave the following figures:

One gram of the dried moss was plunged into water for twenty-four hours, then hung inside a bell-jar until all superfluous moisture had dripped out, and again weighed.

No. 1	weighed 25.3 grams
No. 2	" 27.9 "
No. 3	" 26.4 "
No. 4	" 27.9 "
No. 5	" 25.6 "

The discussion was opened by Mr. W. W. SMITH, Assistant Curator of the Edinburgh Royal Botanic Garden, who has been intimately associated with the gathering of the moss for war purposes. He stated that the village of Beattock, in the Moffat Hills district of Dumfriesshire, holds the record for the largest collection of the dressing, its forty or fifty workers having sent to the headquarters in Edinburgh more than any four or five of the other districts in Scotland put together. Mr. STEPHENSON, Mr. MERSON, Mr. McDIARMID, and Mr. LOTHIAN also spoke, Mr. McDiarmid stating that the moss was used as a surgical dressing in London at least twenty-five years ago.

Mr. HILL's paper dealt with the suggestion by Dr. G. F. Johnson, of Sioux City, for the use of 8 oz. of potassium permanganate and 10 fl. oz. of formalin as a mixture for fumigating surgical wards with formaldehyde. The suggestion, made in 1904, was perfected by Dr. McClintick, of the American Marine Hospital Service, and it has come into general use. Mr. Hill dealt fully with the chemistry of the matter, and showed that so much heat is generated by the mixture that 20 per cent. of the formaldehyde is destroyed, but the heat is sufficient to gasify 80 per cent. of the remainder in the apartment, so that the danger is avoided that might accompany any flame, such as that of a lamp, used to heat formaldehyde. He had been asked by a local medical body to assist in economising, as the price of potassium permanganate has now made it a very dear heating-agent, and he concluded that there does not appear to be any real objection to simply evaporating the formaldehyde solution by boiling in an open vessel over a bunsen flame or spirit-lamp. He also mentioned that in many of the largest hospitals the fumigation method has been abandoned in favour of washing down the whole ward and furniture with a 1-per-cent. formaldehyde solution.

Mr. DUNCAN and Mr. COWIE spoke briefly on the communication, and the CHAIRMAN thanked all the authors.

Trade-marks Applied for.

The figures in parentheses refer to the classes in which the marks are grouped, for a list of which, with particulars as to registration, see "The Chemist and Druggist Diary," 1916, p. 365.

(From the "Trade-marks Journal," December 6, 1916.)

- "JEWELL"; for chemicals (1). By F. T. Vine, Great Shelford, Cambs. 374,488.
- "JASMINE"; for mineral and animal greases (3 and 4). By The Pure Russian Liquid Paraffin Co., Ltd., 3 St. Helen's Place, E.C. 374,703/4.
- "STERNOLINE"; for medicinal chemicals (3). By The Stern Sonneborn Oil Co., Ltd., 16 Finsbury Square, E.C. 375,035. (Associated.)
- "KORAGEN"; for medicinal chemicals (3) and for food-substances (42). By Heppell & Co., 164 Piccadilly, W. 375,264/5. (Associated.)
- "MULCINA"; for a medicine (3). By T. Friar, 68 Goldsmith Street, Nottingham. 375,368
- "UNITY" over clasped hands; for horological instruments (10). By C. G. Chatclain, 105 Hatton Garden, E.C. 375,626.
- "JOYLAND"; for goods (42). By Griseotti & Co., Ltd., 141 West George Street, Glasgow. 373,290.
- "VERBESTOM"; for food-substances (42); "TUDOR ROSE," "STOIM," and "VAL GIRD," for perfumery, etc. (48). By Harrod's Stores, Ltd., Brompton Road, S.W. 374,645/684; 375,563/592.
- Circular device bearing monogram "JWB"; for all goods (42). By Joshua Wilson & Brothers, Ltd., Sunderland. 375,169. (Associated)
- "AIRBALL" on picture of same; for cream-of-tartar substitutes, etc. (42). By Burton, Baker & Co., 16 Eastcheap, E.C. 374,217. (Associated.)

Associations' Winter Session.

Birkenhead.—A meeting of the Birkenhead, Wallasey, and Wirral Association of Pharmacists was held at Birkenhead recently, the President (Mr. F. C. Cooling) in the chair. There were fourteen other members present, including the Secretary (Mr. Stockdale). Mr. Williams (Borough Road) was elected a member. Among the matters discussed were minimum prices, the sale of glycerin, the cocaine regulations, and advertising methods. A Benevolent Fund collecting-box was passed round. The practice of advertising proprietary goods without a price was strongly condemned. It was resolved to supply each member with a minimum price-list at cost price.

East Anglia Federation.—Referring to our report of the meeting of the East Anglia Federation of Pharmaceutical Associations (*C. & D.*, December 9, p. 49), Mr. Chas. Hanson, the Hon. Secretary, informs us that the area of influence covers eleven local Associations. Seven of these have intimated their intention of joining—*i.e.*, Peterborough, Cambridge, Norwich, Ipswich, Wisbech, Yarmouth, and Bury. Three Associations—Hitchin, Lynn, and Lowestoft—have not yet answered the letters of inquiry, and Bedford has definitely refused to join.

Great Yarmouth.—A meeting of the Great Yarmouth Pharmaceutical Association was held on December 6. The President was in the chair, and there were also present six other members and the Hon. Secretary (Mr. J. Shearman). The President, referring to the meeting at Norwich (*C. & D.*, December 9, p. 49), urged that the Association should join the East Anglian Federation. The Secretary and Mr. Male, who were also present at the Norwich meeting, heartily supported the suggestion, and a resolution was adopted unanimously that the Association join the Federation, with the Secretary as representative. It was agreed that chemists should open on Bank Holiday for not more than an hour. The announcement was made that the Panel Committee has agreed not to adopt stock mixtures for 1917.

Hampshire.—The annual meeting of the Hampshire Pharmacists' Association was held at Winchester on December 6, Mr. A. E. Chaston, Ph.C. (President), in the chair. Eleven other members and the Secretary (Mr. C. H. Baker) were present. The Secretary presented his annual report, which was adopted. Mr. Bartlett, Chairman of the Pharmaceutical Committee, reported on the work of that Committee. He regretted that they had not been able to retain the use of distilled water. He pointed out that the arrangements with regard to "Rep. mist." are not working well in some districts, and recommended that further attention should be given to the rural areas question. The Treasurer presented the balance-sheet, which was adopted. The balance in hand is 12*l.* 18*s.* 8*d.* The sum of three guineas was voted to the Benevolent Fund and two guineas to the Parliamentary Fund. The election of officers then took place as follows: *President*, Mr. C. S. Davies, Havant; *Vice-Presidents*, Mr. S. G. Bartlett, Winchester, and Mr. E. H. Smith, Gosport; *Treasurer*, Mr. S. G. Bartlett; *Secretary*, Mr. C. H. Baker, Cosham; *Committee*, Messrs. H. L. Allen, C. H. Baker, S. G. Bartlett, A. E. Chaston, C. S. Davies, W. J. Dodridge, G. H. Gare, J. Howard, J. Horne, E. H. Smith, H. Wilson, F. B. Wride, Wainwright, C. Upsom, B. Litchfield, and McConachie. It was decided to hold four meetings during 1917, two to be held on the third Wednesday in the month at Winchester, and the other two on Thursdays, one at Southampton and the other in the northern part of the county. Mr. White, Clerk to the Insurance Committee, attended the meeting and answered questions put to him by the members. Votes of thanks concluded the meeting.

Huddersfield.—Mr. V. Shaw presided at the meeting of the District Chemists' Association on Tuesday evening, December 12, when Mr. R. C. Walshaw read correspondence which he had had with the Clerk to the Insurance Committee with regard to the shortage of sugar for pharmaceutical purposes, and further action was deferred until the New Year. A long discussion followed on the sale of glycerin, and it was mentioned that it can still be bought at grocers' shops. It was resolved to appeal to the Grocers' Association on patriotic grounds.

Hull.—A meeting of the Hull Pharmacists' Association was held on December 12, Mr. I. W. Chapman in the chair. The offer of a collecting-box for the Benevolent Fund was accepted. A discussion arose on uniformity of prices, and was introduced by Mr. Sellé, who thought it would be of great advantage to have a list of uniform prices. He pointed out that in Birmingham, Wolverhampton, and the

Black Country they had a list, and Boots, Ltd., joined in it without trouble. Yet whenever they had made a move locally they got the go-by. He moved that a committee be formed to deal with the matter, but Mr. Spilman thought it would be better to defer the question until a larger meeting could take it in hand, and it was decided to defer it to the January meeting.

London (N.).—A meeting of the North London Pharmacists' Association was held on December 7, the President, Mr. C. W. Mathews, in the chair. A vote of condolence was passed with Mr. A. T. Honiatt on the loss of his second son, killed in action. The Secretary, Mr. Herbert Skinner, and the Trade Secretary, Mr. J. Hearle, reviewed the work of their departments. Mr. E. T. Neathercoat, after expressing approval of the way trade problems had been handled by Mr. Hearle, proceeded to deal with the questions of the supply of sugar and glycerin, and the broadening of the basis of the education of the pharmacist rendered necessary by the changing conditions of medical practice. On Insurance dispensing he spoke strongly against the continued reduction of the remuneration, and plumped for an increase on the dispensing-fees. He also alluded to stock mixtures, rural areas, and the federation of Pharmaceutical Committees. Mr. Hearle submitted several questions dealing with organisation, Mr. Bromley on secret remedies, Mr. Bowie on the name of the qualifying examination, Mr. Kirkpatrick on the need of fuller information in the "Pharmaceutical Journal," and Mr. Skinner on the broadening of the basis of education and the necessity of doing the right thing and doing it in time. To all the questions raised Mr. Neathercoat answered fully and frankly, and was accorded a hearty vote of thanks.

London (S.E.).—A meeting of the South-East London Pharmacists' Association was held at Maitland House, Greenwich, on December 5, Mr. A. J. Wing (President) in the chair. It was decided to defray the cost of the minimum price-list for three months out of the Association's funds. Mr. J. W. Deakin, Northwich, then addressed the meeting. He said the Insurance dispensing terms for 1917 are by no means satisfactory, and certainly not sufficient remuneration for the adequate service that pharmacists as a whole are giving. He urged pharmacists to continue the service for the sake of pharmacy, and to combine and organise with the aim of asking with one voice for terms more just and right. The better terms should be in the form of a larger dispensing-fee, and not a flat-rate, but a larger fee for the larger-sized bottles of medicine. He said that there is every prospect that at the end of the war the dependants of insured persons will also be included among the persons entitled to benefits, in which case there will be a greatly increased number of prescriptions. Pharmacists are thoroughly fitted by their education and training for this work, and it is for them to continue to do it and to receive more equitable payment for their services. Mr. Deakin appealed to pharmacists to realise the importance of the calling in which they are engaged, not to make themselves too cheap, and to work together with the one aim of giving efficient service and raising pharmacy to a higher level than it holds at the present time. Mr. A. H. Jenkin, President of the London County Association, also addressed the meeting, and both were accorded a hearty vote of thanks. The meeting then discussed various points regarding the Early-closing Order, the sale of glycerin, and the cocaine and opium regulations. Reference was also made to the use of the title pharmacist by unqualified persons attached to various Red Cross detachments, and the Secretary was asked to write to the Pharmaceutical Society on the matter.

London (S.W.).—A meeting of the South-West London Pharmacists' Association was held on December 5, when twenty-five members were present. Mr. F. Pilkington Sergeant gave an address on "The Pharmaceutical Society," in which he showed that the Society merits the support of every qualified pharmacist. [Mr. C. Breese, the Hon. Trade Secretary, in sending us this report, informs us that 270 notices of the meeting were sent out, and he suggests that the small attendance points to the apathy existing among the rank-and-file of pharmacy.]

Western Pharmacists.—A meeting of the Western Pharmacists' Association was held at the Restaurant Frascati, Oxford Street, London, W., on December 13, Mr. W. Wilkinson (President) in the chair. There was a good attendance. The preliminary proceedings referred to the doings of the Pharmaceutical Committee and the delay in the settlement of chemists' accounts for 1915. Considerable interest was taken in the question of the control of the glycerin and sugar supply by the Government, and Mr. Woolcock, who was present, was able to give some hints as to the situation, which could not, however, be described

as reassuring. Mr. Woolcock then gave an interesting address on "The Advantages of Membership of the Pharmaceutical Society," which had immediate effects as regards two of those present at the meeting. The discussion was not all in smooth waters, and during the course of it Mr. Woolcock had his *mauvais quatre d'heure* from an outspoken member from the other side of the river. Mr. Woolcock's imperturbability was, however, to the fore in his replies to his critics. The meeting lasted until after midnight.

Insurance Act Dispensing.

A Record of matters concerning Chemists' interests in the National Health Insurance Acts.

Doctor Removed from the Panel.

An inquiry was held at Walsall on September 18 and six subsequent days by a Committee of Inquiry appointed under the National Health Insurance (Medical Benefit) Regulations (England), 1913, with regard to Dr. John Joseph Lynch, 66 Bradford Street, Walsall (reported in *C. & D.*, September 23, p. 45, and September 30, p. 44). The Commissioners, upon consideration of the report of the Inquiry Committee, are satisfied that the continuance of Dr. Lynch on the medical list would be prejudicial to the efficiency of the medical service of the insured, and have accordingly directed that his name be removed from the list. The following inferences were drawn by the Committee from the facts established at the inquiry:

(1) Dr. Lynch, as Chairman of the Walsall Insurance Committee and as a member of the Medical Benefit Sub-Committee and of the General Purposes Sub-Committee, made an improper use of his position with the object of limiting the number of insured persons accepted for treatment by practitioners on the panel other than himself.

(2) Dr. Lynch improperly took into his own hands the allocation of those insured persons who had not chosen and been accepted by a medical attendant, and conducted the allocation with a view not to the efficiency of the medical service of insured persons, but for his own private advantage.

(3) Dr. Lynch endeavoured by improper means to stifle two complaints made against him by panel patients.

The report gives full details of the findings on each of the allegations made against Dr. Lynch. Mr. J. Fischer Williams was the Chairman of the Committee, the other members being Dr. Adam Fulton and Dr. John Russell.

Reports from Local Centres.

ENGLAND.

Blackburn.—At the meeting of the Insurance Committee the Clerk explained the position of certain chemists and assistants under the Military Service Act. The Advisory Committee has decided to appeal for those men who are regarded as necessary for the maintenance of an adequate dispensing service for insured persons. Chemists in the area have received notice regarding the new terms of the drug-contract for 1917. Mr. C. H. Hacking, Ph.C., has resigned from the panel. The following comparison of the cost (total and average) and number of prescriptions for the first half of the last four years was placed before the Committee: 1913, 3,392*l.* 4*s.* 2*d.*, 109,922, and 7.44*d.*; 1914, 4,348*l.* 9*s.* 7*d.*, 117,010, and 8.90*d.*; 1915, 3,222*l.* 7*s.* 1*d.*, 103,057, and 7.48*d.*; and 1916, 1,901*l.* 1*s.* 9*d.*, 80,899, and 5.64*d.*

Essex.—The panel of chemists for Essex County is practically the same as for 1916, and adequate service is therefore assured. The withdrawals are Mr. A. H. Carpenter and Mr. G. H. Dawson, Southend; Manor Park Drug-stores, High Street, Manor Park; and Pickens' Drug-stores, Forest Gate. The Pharmaceutical Committee has been served with notice that two firms of doctors (partnerships) in Grays do not intend to supply medicines for that area (Purfleet excepted). As there is an adequate panel for that district, no trouble is anticipated. Mr. Goode asks us to state that, though the work of the Advisory Committee is practically finished with regard to military service, occasional trouble still arises. Any member experiencing difficulties in this matter should communicate immediately with him at 6 Chriss Street, Poplar, E.

Hampshire.—A meeting of the Pharmaceutical Committee was held at Winchester on December 6, Mr. S. G. Bartlett presiding. The Secretary submitted a financial statement for the second half of the year 1915. Reports were received of the ballot held in October (a large majority being in favour of continuing the pharmaceutical service) and on the number of exemptions from military service obtained in the county.

Lancashire.—A meeting of the Lancashire Prescription Bureau was held at Bolton last week, when it was reported that the Blackburn, Barrow, and Oldham Committees have each selected ten mixtures to which the reduced dispensing-fee would apply as from August 23. The Secretary reported that scripts are being received from constituent Committees capable of more than one interpretation, and his action in returning these to the chemist, doctor, or Committee concerned was approved. The Secretary also mentioned that a letter had been received from the Commissioners intimating that having regard to the different considerations involved they are unable to consent, for the present, to the calculation of the old Tariff dispensing-fee being done by the sample method employed in the assessment of ingredient-prices. The meeting confirmed a resolution to make a call of 1*l.* per 1,000 scripts on constituent Committees for the quarter ending December 31. The following return shows the number of scripts priced for the period January to September, the figures in parentheses being the estimated average per month: Barrow, 53,940 (5,993); Blackburn, 109,102 (12,122); Blackpool, 26,984 (2,998); Bolton, 144,510 (16,057); Burnley, 76,378 (8,486); Bury, 36,695 (4,077); Oldham, 117,999 (13,111); Preston, 82,950 (9,214); Rochdale, 70,478 (7,831); Westmorland, 17,456 (1,940); or a total for the area of 736,472 (81,829).

Leicestershire.—The Medical Benefit Sub-Committee of the Insurance Committee reported on December 6 that they have sent a strong protest to the Ashby-de-la-Zouch Tribunal in consequence of the suggested withdrawal of the exemption from military service granted to Mr. G. W. Eley, chemist and druggist.

London.—A meeting of the Pharmaceutical Committee was held at Bank Chambers, High Holborn, London, W.C., on December 12, Mr. A. R. Melhuish in the chair. Regarding a question raised by Mr. Thompson as to payment of 1915 balances, an animated discussion took place. The Secretary informed the Committee as to the reasons for delay, the chief of which is that certain chemists were late in submitting their accounts to the Insurance Committee for 1915. Several members expressed the opinion that a great injustice had been inflicted by these few panel chemists upon the majority. It was ultimately decided to send a resolution to the Insurance Committee to the effect that payment of balances for 1915 should be made forthwith, and that those accounts received late for that year should be dealt with at a later date. The correspondence referred to the question of the administrative expenses of the Pharmaceutical Committee, which was referred to the Finance Sub-Committee; the question of the supply of medicines in unmarked bottles, in which it was decided to take no further action; and the adequacy of the pharmaceutical service in the Western area. On this matter it was decided to inform the Insurance Committee that there would not be any inconvenience experienced by insured persons in the area, as there are adequate facilities for the supply of medicines. The Committee considered the terms proposed for the checking of prescriptions for the year 1917, and, after discussion, accepted the proposals. Among the other matters was consideration of the eight-o'clock closing, which was deferred, and the report on investigations made in connection with a complaint against a chemist in the East-End concerning the refusal of "Rep. mist." This matter was left in the hands of the Secretary to communicate with the Panel Committee concerning the result of the investigation.

Sheffield. The amounts received in settlement of accounts by panel chemists for 1915 have been subjected to deductions in varying amounts. Chemists who accepted the emergency settlement for 1914 should only have deducted the amounts of clerical errors and overcharges which have been announced from time to time, but those who did not accept the settlement where they have received payment up to 85 per cent. will be liable to a deduction, as the amount available is between 83 and 84 per cent., in addition to any clerical errors. The amount credited for 1915 should be for the full corrected accounts sent in.

Smetwick.—At the meeting of the Insurance Committee on December 5, the report of the Medical Benefit Sub-Committee was submitted. In this it was stated that no resignations from the chemists' panel had been received up to December 3. It was agreed that for the current year quarterly data only will be required from the West Midlands Joint Committee. It was intimated that the administrative expenses of the Pricing Office will probably be materially reduced at an early date. The Pharmaceutical Committee appointed Messrs. G. Hampton, H. M. Tranmer, and E. B. Whitehouse to serve on the Pharmaceutical Service Sub-Committee. The Emergency Sub-Committee, it was reported, and the decision was confirmed, had notified panel chemists that from November 3 to April 30, the hours

during which a dispensing service would be required would be 9 A.M. to 8 P.M., except Wednesdays, when the rota arrangements will apply. The doctors have also been informed that urgent medicines required after those hours will, of course, be supplied in accordance with the terms already entered into for the payment at a capitation rate in respect of the supply by them of emergency drugs and dressings. Steps are to be taken to secure, if possible, further exemption from military service for those chemists whose period of exemption expires on December 27. Arrangements have been made to test Insurance dispensing, the Chairman and the Clerk being entrusted with the carrying-out of this matter.

SCOTLAND.

Aberdeenshire.—At the last meeting of the Insurance Committee, correspondence was submitted between the Secretary of the National Independent Order of Oddfellows and the Pharmaceutical Committee, regarding the closing of chemists' shops in Inverurie at 7 P.M. The Pharmaceutical Committee had pointed out that if prescriptions are marked "Urgent" they are dispensed after closing-hours. Mr. Johnston (Inverurie) said chemists were not bound to close at 7 P.M.; they only closed at that hour to fall in with the other shopkeepers. The matter was remitted for the consideration of the Medical Benefit Sub-Committee.

Notes.

DRUGS ORDERED BY DOCTORS.—Article 9 of the Medical Benefit Regulations, England and Wales, 1916, provides that the Panel Committees shall from time to time investigate the character and amount of the drugs and appliances ordered or supplied for insured persons by practitioners. The Welsh Commissioners have recently addressed the Insurance Committees of the Principality in regard to 1916 prescriptions, Committees being asked to make the inquiries, if necessary, of the Panel Committees. The Commissioners have also instituted an inquiry respecting panel practitioners and chemists and others who are on the 1916 lists, and who are not continuing service in 1917.

Annotations.

"AUXETICS," states Sir John Bland-Sutton in the "British Medical Journal," is a term applied to chemical and physical agents capable of stimulating epithelial cells to unwonted activity. In pathology the term is more particularly applied to agents that can provoke such changes in epithelium as to predispose them to become cancerous. It has long been known that soot, lime, pitch, tar, arsenic, and caustic soda are auxetics in the stricter sense. To these have been added during the last twenty years α rays and radio-active substances such as radium. Chronic ulcers caused by burns and scalds are also liable to become cancerous.

* * *

CHLORINATION of the Metropolitan water-supply has been adopted to some extent, states the tenth annual report of the Director of Water Examination of the Metropolitan Water Board. This treatment consists in adding a definite quantity of chloride of lime (bleaching-powder) to the raw water. The result has been to produce a water of as great bacteriological purity as that of water stored in the Staines reservoir, and during the summer months seventy-five million gallons per day was so treated. As regards cost, less labour is required for chlorination than for pumping. With a dose of 0.5 part of available chlorine per 1,000,000 parts of water (or 15 lb. of chloride of lime of 33 per cent. strength per 1,000,000 gals.) the war cost of the material is calculated at about 3s. The war cost of coal to pump 1,000,000 gals. would be about 13s., so that the saving per day on, say, seventy-five million gallons of water would be 262l. 10s. per week.

KWANTUNG CATGUT.—The U.S.A. Consul-General in Hong-Kong reports that a surgical gut is manufactured in Kwantung Province from certain high-grade qualities of Hunan silk. It is made usually in two qualities, rough and smooth, and in different-sized strands, the quality varying. The two principal qualities are quoted at about 22s. per lb., c.i.f. United States port.

Trade Report.

The prices given in this section are those obtained by importers or manufacturers for bulk quantities or original packages. To these prices various charges have to be added, whereby values are in many instances greatly augmented before wholesale dealers receive the goods into stock, after which much expense may be incurred in carting and the like. Qualities of chemicals, drugs, oils, and many other commodities vary greatly, and higher prices than those here quoted are charged for selected qualities of natural products even in bulk quantities. Retail buyers cannot, therefore, for these and other reasons, expect to purchase at the prices quoted here.

42 Cannon Street, E.C., December 14, 5.30 p.m.

BUSINESS continues satisfactory, although from now to the end of the year it will gradually slacken off, and next week there will be little to report. Most of the changes recorded in our Trade Report are again on the higher plane, this being due in several instances to the excessive freights, this having affected produce like cascara sagrada, nux vomica, myrrh, and many other items. Fixed oils, like castor, coconut, cottonseed, soya, wood, and turpentine still maintain their upward tendency. Chemicals are quiet, one of the principal changes being a reduction in citrates. At the annual eastorum auction there was a good demand at irregular but dearer rates. A feature was the much larger buying on the part of the home trade.

Higher	Firmer	Easier	Lower
Cascara sagrada	Ammonia sulphate (outports)	Bergamot oil Shellac (futures)	Ferri et ammon. cit. Hydroquinone Ipecacuanha (M.G.)
Castor oil	Cloves		Potash citrate
Castor oil	Cotton-seed oil (crude)	Fenugreek-seed	Senna-pods (T.V.)
Coconut oil		Sarsaparilla (Lima)	Sodium citrate
Coriander-seed		Soya oil	
Glucose		Wood oil (Ch.)	
Honey			
Myrrh			
Peppers			
Senna (Tinn.)			
Turpentine			

Cablegram.

NEW YORK, December 14.—Business in drugs is fair. Opium is firmer at \$12.50 per lb. for druggists' by single cases. Menthol is steady at \$3.15, and peppermint oil is also steady at \$2.15. Cartagena ipecacuanha is dearer at \$2.35. Jalap is higher at 12c., and buckthorn-bark has advanced to 25c. Chloroform is dearer at 60c. per lb.

ACETYL-SALICYLIC ACID is unchanged at from 21s. to 22s. per lb. for prompt supplies.

ALCOHOL.—It is stated that after January 1 the Government will take over all the patent-still whisky made in Scotland, and limit the proportion allowed to be distilled by malt distillers, but in all probability the consumption of spirits will, in due course, be entirely vetoed except for medicinal and industrial purposes. It is also said that the whole resources of the spirit trade in the country will be placed under State control early in the new year and the accumulated stocks diverted to other than their present purposes, while the distillation of whisky and gin will be entirely prohibited.

AMMONIA SULPHATE.—Firm. Home-trade price is 15s. 10s. for December-February delivery. Export prices are: London, prompt, 25-per-cent., 17s. 10s. per ton net, naked at works; Hull, 24-per-cent., 18l. 2s. 6d.; Liverpool, 18l. 10s.; Leith, 18l. 12s. 6d., less $\frac{1}{2}$ per cent. in bags f.o.b.

ANISEED is very scarce; the quotation for Spanish is nominally 8s. per cwt.

ARSENIC is firm at 41s. per ton for best Cornish powder.

BERGAMOT OIL is easier, January shipment offering at from 16s. to 17s. per lb. c.i.f. for 38-per-cent. esters, the spot values being from 23s. to 25s. 6d. *Terpeness* to arrive is offered at 30s. c.i.f.

CAJUPUT OIL is offering at 3s. 6d. per lb.

CAMPHOR.—The exports from Japan during September 1916 amounted to 464,289 kin, valued at 554,044 yen, and for the nine months they were as follows:

	1914	1915	1916
Kin	2,182,892	2,800,424	4,136,754
Yen	1,960,908	2,518,404	4,030,498

The destinations were as follows:

To	1914 Kin	1915 Kin	1916 Kin
British India ...	636,808	964,507	1,128,848
Great Britain ...	323,542	295,365	622,428
France ...	231,939	463,775	319,382
Germany ...	289,817	—	—
United States ...	480,778	649,016	1,416,038
Australia ...	70,987	134,029	87,869
Other countries	149,031	293,732	562,189
	2,182,892	2,800,424	4,136,754

CAMPHOR OIL.—The exports from Japan for the nine months ended September 30 were:

	1914 Kin ...	1915 1,057,726	1916 1,679,054
Yen ...	... 164,565	242,691	280,959

CANARY-SEED is steady, with sales of good Morocco at 85s. per quarter. Spanish in Liverpool is firm on light offers, spot being held at from 120s. to 125s. per 464 lb. ex store, as to quality.

CAPSICUMS.—At auction 86 bags Nyasaland sold at from 50s. to 52s. 6d. for good red.

CARAWAY-SEED.—Shipment from Holland is still prohibited.

CASCARA SAGRADA is dearer, spot sales having been made at from 65s. to 70s. per cwt. There appears to be no limit asked on freight rates from the Pacific Coast on cascara, and in one instance we hear 30s. per ton was quoted, to which must be added the various shipping and insurance charges. London stock at end of November was 98 tons. In the drug auctions 320 bags of fair two-year-old bark was offered, of which 50 bags had been sold at 70s. per cwt. net and gross for net.

CASTOR OIL.—Hull make is dearer, first pressing offering at 72s. per ton in barrels. f.o.b. for December-April delivery. Good seconds Calcutta is firmly held at 6½d. per lb. in Liverpool.

CASTORUM.—At the annual auction of the Hudson's Bay Co. 1,946 lb. offered, and with the exception of the cuttings and pickings (which were subsequently sold privately), all was disposed of at an advance of about 10 per cent. on previous prices. There was a good attendance of buyers, the chief demand being for Russian account, second to which was the unusual and remarkable demand for the homo trade. France bought little, but that fine. The quality of the Hudson's Bay offerings was about equal to that of the previous auction. It is somewhat surprising that such a good result should have been obtained at a critical period in our history in what is an article of luxury, used almost entirely in the perfume industry. No doubt a fair amount was bought for speculation. Hudson's Bay firsts Y.F. sold at from 84s. to 88s., seconds 66s. to 71s., and thirds 40s. M.R. firsts 70s. to 75s., seconds (one lot) 58s., thirds 36s. N.W. firsts 110s. to 113s., seconds 73s. to 76s., and thirds 50s. per lb. Of Oregon descriptions 885 lb. sold, and a further 188 lb. of odd lots also sold. They comprised firsts at from 70s. to 93s., seconds 27s. to 40s., thirds at from 14s. to 19s., and pickings 9s. to 10s. per lb.

CHILLIES.—At auction 91 bags Nyasaland sold at 95s. for fair and at 105s. to 107s. 6d. for fine red.

CINCHONA.—At auction on Tuesday 726 packages were offered, of which 424 sold at full prices, the average unit being unchanged at 2d. per lb. Of Calisaya quill 122 bales sold at 1s. 3d. per lb. for broken quill and chips. Of East Indian 604 packages were offered and 302 sold, including officinalis stem chips at from 7½d. to 8½d., branch at 4½d. to 5½d., and Ledgeriana stem chips at 1s. 3d. At the Amsterdam tender held on December 6, 13,790 packages, weighing 1,158,410 kilos, Java manufacturing bark were on offer, the quinine content being about 69.567 kilos., the average percentage of quinine of the analysed portion being 6.33, against 6.15 per cent. at the previous tender, and an average of 6.25 for 1915. Of the above, 8,831 packages sold, containing 735,861 kilos. of bark, or equivalent to 46,345 kilos. of quinine sulphate. The Bandung quinine factory bought the equivalent of 8,064 kilos. quinine. In the London drug-auction 19 bales of Guayaquil sold at from 9½d. to 10½d. per lb. for very fair quill, part mossy. Very lean and partly country damaged sold at from 6d. to 7½d. per lb. A further 26 serons and 18 bales of Loxa crown bark was offered, for which 1s. per lb. was wanted.

CITRATES.—The makers have reduced the price of ferri et ammon. cit. and sodium citrate by 2d. per lb., and potassium citrate by 6d. per lb., making the list-prices of ferri et ammon. cit. and (or) sodium citrate 2s. 9d., and potassium citrate 4s., 28-lb. lots being 1d. less in each case.

CITRIC ACID is called 2s. 6d. per lb.—rather buyers.

CLOVES are higher, with spot sales of fair Zanzibar up to 7½d. per lb. Business to arrive has been done at 7½d. c.i.f. d.w. for November-January steamer shipment; for January-March delivery 7½d. is quoted.

COCA-LEAVES.—At the Amsterdam auction on December 7, 1,964 packages, weighing 105,115 kilos., Java leaf were offered, the alkaloidal content being 1,478 kilos., and the average percentage 1.41.

COCAINE.—Values have assumed a nominal aspect in view of the limited quantity available for spot or immediate delivery.

COCOA BUTTER.—At auction 500 cases Cadbury's and 300 cases Fry's were bought in at 1s. 7d. per lb.

COD-LIVER OIL is a firm market, with finest medicinal Norwegian 1916 oil offering at 470s., and 1915 at from 440s. to 450s. per barrel ex wharf.

COPPER SULPHATE is in limited supply and a strong market, with 65s. per ton quoted for prompt to March delivery for 93 per cent. pure.

CORIANDER-SEED is dearer; 55s. per ewt. has been paid on the spot for Morocco, and 57s. 6d. is now asked.

COUMARIN is scarce, with a limited quantity available at 60s. per lb.

CUMIN-SEED is steady but quiet at 87s. 6d. per ewt. for fair, and at 90s. for good sifted Morocco.

FENUGREEK-SEED is firmer at 31s. per cwt. for fair Morocco.

GENTIAN.—For shipment from Marseilles, whole is offered at 74s. per cwt. e.i.f., war risks excluded; spot is available at 75s. per cwt.

GLYCERIN.—It has been felt for some time past that some change should be made in the flat-rate paid by the Government to the soapmakers for glycerin, especially in view of the fact that raw materials, fuel, labour, etc., have increased in price, and it is probable that negotiations will be opened up with this end in view early in the New Year. It will be remembered that prices were fixed by the Government in October 1915, and although basic conditions have altered substantially since that date, no change has been made in the standard prices.

GUM NIGER for shipment from Marseilles is offered at 29s. per cwt. e.i.f. London, war risks excluded.

HELIOTROPINE.—Sales have been made at 27s. 6d. per lb. for crystals.

HEXAMINE.—Prices vary from 2s. 8d. to 2s. 9d. per lb. net.

HYDROQUINONE is cheaper, kegs offering at 10s. per lb.

INSECT-FLOWERS for shipment from Marseilles are offered at 138s. per cwt. e.i.f., war risks excluded.

LEMON OIL.—New crop is quoted at from 4s. to 4s. 3d. per lb. e.i.f., the spot value being 4s. *Terpeness* is 30s. c.i.f.

LIME-JUICE.—With plentiful stocks on spot, owners are disposed to entertain more reasonable bids. Good raw West Indian is obtainable at 2s. 9d. per gallon.

LIQUORICE-JUICE.—Sicilian in sticks or block is offered at 172s. 6d. per ewt.

MACE.—At auction 147 packages West Indian sold, including common at 1s. 3d. to 1s. 4d., ordinary reddish 1s. 5d. to 1s. 6d., fair 1s. 7d. to 1s. 9d., good pale 1s. 10d. to 1s. 11d., fine 2s. to 2s. 1d., broken 8d. to 10½d. and 1s. to 1s. 5d. per lb.

MALE FERN Ext., containing 24 to 25 per cent. filiein, is offered at 34s. per lb.

MENTHOL.—The exports from Japan during September amounted to 28,338 kin (August, 32,126 kin), valued at 153,071 yen. For the nine months ended September 30 the exports were:

To	1914 Kin ...	1915 234,143	1916 304,372
Yen ...	... 1,630,274	1,368,809	1,903,389

The destinations were as follows:

To	1914 Kin	1915 Kin	1916 Kin
British India ...	11,067	16,847	11,040
Great Britain ...	37,276	47,509	117,134
France ...	17,829	38,602	64,647
Germany ...	82,600	—	—
United States ...	77,710	122,145	101,011
Other countries	7,661	22,855	10,540
	234,143	247,958	304,372

METHYL SALICYLATE is still offering at 6s. per lb. net.

MINT OIL.—The exports from Japan during September amounted to 13,920 kin, valued at 33,089 yen. During the nine months the exports were:

To	1914 Kin ...	1915 231,559	1916 299,215
Yen ...	705,218	564,415	680,322

MUSK, ARTIFICIAL, is offering at 36s. to 37s. per lb. for 100 per cent., powder or crystals.

MYRRH is scarce on spot, there having been no arrivals for a lengthy period, and sellers of a parcel of common Aden sorts are asking 85s. In auction 15 bales of dusty siftings were bought in at 50s.

NUTMEGS.—At auction 500 packages West Indian sold at steady rates for small and medium sizes, but the large were 1d. to 2d. lower.

NUX VOMICA.—Nothing offered at auction. Privately very high rates continuo to be paid, recent business including Cochin at 34s. per cwt. c.i.f. and buyers, also Madras at 27s. 6d. c.i.f. for January-March shipment and buyers. Inferior Madras has been sold at 26s. on the spot, and some low Calcutta is offering at 26s. also.

OILS (FIXED).—*Linsced* is steady, closing at 52s. per cwt. in pipes landed and 53s. in barrels. *Cottonseed* is firmer at 52s. for crude in pipes, and pale refined in pipes is nominal; for sweet refined in barrels from 59s. to 60s. is quoted. *Rape* is firm; ordinary brown naked on spot is 54s.; British refined in barrels is 56s. to 58s., and Japanese in cases is 51s. c.i.f. for November-December shipment. *Coconut* is dearer at 65s. for Ceylon in hogsheads on spot and 63s. in pipes. Cochin on spot is 65s. to 67s., and London pressed is 53s. Hankow *Wood* oil is at 76s. spot and 65s. c.i.f. *Soya*—Hull (spot) crushed is 49s., and in London November-December shipment is 47s. c.i.f. Lagos *Palm* is at 48s. on spot, and 46s. ex quay Liverpool.

OPIUM.—Persian remains a firm market, with 10-per-cent. offering at 33s. per lb. on the spot, and for 11-per-cent. Turkey druggists' the value is 38s. 6d., but there is a great difficulty in finding sellers.

ORANGE OIL.—Is offered at from 11s. 6d. to 12s. 6d. per lb. c.i.f. for shipment up to January, the spot value being 10s. 3d. to 10s. 6d. *Bitter* is quoted 15s. 6d. c.i.f.

PEPPERS are dearer, Singapore *black* having advanced to 9½d. basis fair, and sales thereof; value of Tellicherry is 10½d., and Lampung 10d.; sales to arrive include January-March at 9½d. c.i.f. d.w. and buyers. The value of *white* Singapore is 10½d.. Muntok 11d., and Penang 10½d. nominal.

PHENAZONE is offering at 33s. 6d. per lb. net for prompt delivery.

POTASH IODIDE.—The exports from Japan during September amounted to 15,569 kin, valued at 103,364 yen. During the nine months ended September 30 the exports were:

	1914	1915	1916
Kin	55,602	104,022	130,977
Yen	360,446	783,149	960,598

There were no exports of *crude iodine* in September, the total for the nine months being as follows:

	1914	1915	1916
Kin	11,780	2,694	903
Yen	71,540	17,570	5,432

RHAPONTICA.—Chinese for prompt shipment from Marseilles is offered at 43s. per cwt. c.i.f. London, war risks excluded.

SHELLAC has been dull, the spot price of usual standard quality TN Orange closing at 140s. to 141s., and fine 157s. 6d. Fine Orange is quoted 167s. 6d., and A. C. Garnet is dearer at 150s. Futures have been easier, the sales including December delivery at 141s. to 139s.; March, 143s. 6d. to 145s.

SPARTEINE is much dearer at 72s. per lb.

TURPENTINE.—A large business has been done at advancing prices, market closing 4s. 3d. per cwt. dearer than last week, at 54s. 3d. per cwt. on the spot.

WAX, VEGETABLE.—Exports from Japan during the nine months ended September were: 1914, 3,408,446 kin; 1915, 4,021,537 kin; and 1916, 4,630,509 kin.

London Drug-auctions.

Commercial Sale Rooms,
Mincing Lane, E.C., December 14.

The final drug-auction of the year was held to-day, and altogether there was a fair general demand, notwithstanding the fact that prompt day (December 30) falls in this year. Cape aloes where sold brought firm rates. Sumatra benzoin is neglected, but Siam is selling well privately. Cascara sagrada brought higher rates, partly owing to the great advance in freights. Cardamoms are a nominal market. Calumba brought previous high prices, and good quality is scarce. No gamboge offered. Honey was fully 2s. to 4s. dearer, and a large business has been done privately. Matto Grosso ipecac. was lower, only seaweed being disposed of. Kola is neglected and plentiful. Myrrh is held for much higher prices. Rhubarb was quite neglected, but prices for flat High-dried are steady. Sarsaparilla was in good demand, grey Jamaica realising previous prices, while Lima partly sold at an advance of 1d. per lb.; on the other hand, Native-Jamaica is slow. Timnevelly senna sold at an advance of ½d. to 1d. per lb.

on the cheaper qualities, medium and inferior grades being unchanged; pods were lower. Turmeric is held for higher prices, and sellers were indifferent. Jamaica and Mozambique beeswax sold at very firm rates, and a good business is being done privately. The following table shows the quantity of goods offered and sold:

	Offered	Sold	Offered	Sold
Aconite (Jap.)	26	0	Ipecacuanha—	
Aloes—			Cartagena.....	1 ... 1
Cape	101	11	East Indian.....	14 ... 0
Socotrine	12	0	Matto Grosso	40 ... 12
"Zanzibar"	8	0	Jalap	3 ... 0
Anise oil, star	20	0	Juniper ber.....	60 ... *60
Anatto-seed	40	0	Kamala	1 ... 0
Balsam tolu	18	0	Kava-kava... (cwt.)	3 ... 0
Benzoin—			Kola	234 ... 15
Siam	20	*1	Laurel-leaves	66 ... 0
Sumatra.....	145	0	Lime-juice (pns.)	10 ... 0
Blackhawk-bark	17	0	Lime oil..... (tins)	3 ... 0
Boldo-leaves	20	0	Liquorice-root	133 ... 0
Buchu.....	28	0	Lycopodium (cwt.)	10 ... 0
Calamus oil.....	4	0	Mastic	1 ... *1
Calumba	84	24	Mint oil (Jap.)	15 ... 1
Camphor oil... (br.)	30	0	Myrrh.....	15 ... 0
Cannabis ind.—			Olibanum	117 ... 0
African	42	0	Orange-peel	6 ... 0
Bombay	4	0	Papain	4 ... 0
South African...	6	0	Quin. sulph... (oz.)	500 ... 500
Cantharides	4	0	Rhubarb	54 ... *5
Cardamoms	142	47	Rosin (Greek)	44 ... 0
Cascara sagrada	320	*50	Rose oil	(pot) 1 ... 0
Cinchona	64	0	Sandalwood chips	114 ... 0
Citronella oil(dms.)	4	4	Sandarac	11 ... 0
Civet.....(hrns.)	4	0	Sarsaparilla—	
Cochineal	21	0	Grey Jam.....	29 ... 14
Coloc-pulp	63	0	Honduras	58 ... 52
Colchicum-seed	3	0	Luma	8 ... 2
Colchicum-root	2	0	Mexican	25 ... 0
Condurango	100	0	Native Jam.....	7 ... 0
Copaea	5	0	Senna and pods—	
Cubeb	20	0	Alex. & Arabian	22 ... 1
Cuttlefish-bone	86	0	Tinnevelly	1016 ... 541
Dill-seed	125	0	Soap nuts	99 ... 0
Dragon's-blood	7	0	Squill	88 ... 0
Elemi	39	10	Tamarinds (E.I.)	128 ... 0
Ergot	33	*5	Tonka-beans	5 ... 0
Eucalyptus oil.....	10	0	Tragacanth	65 ... 2
Galls (Ch.)	23	0	Turmeric	495 ... 0
Gentian	102	0	Valerian (Jap.)	4 ... 0
Guaiacum	8	2	Wax (bees') —	
Gum acacia	43	0	East Indian	64 ... 0
Guarana	2	0	French	11 ... 0
Gurjun balsam	150	20	Honolulu	17 ... 14
Honey—			Jamaica	21 ... 9
Cuban	516	261	Madagascar	26 ... 0
Jamaica	319	204	Morocco	30 ... 0
San Domingo	310	310	Mozambique	66 ... 66

* Sold privately.

ALOES.—Cape was quiet but firm, 5 cases of good hard bright Mossel Bay firsts on usual 20-per-cent. tares sold at 41s., fair seconds went at 36s., ditto part cinders at 36s. subject, and ordinary very dull and drossy at 33s. to 34s.

BALSAM TOLU.—A lot of 18 cases of fairly hard balsam of fair to slightly drossy quality was limited at 1s. 7d. per lb.

BENZOIN is neglected. Fair almondy Sumatra seconds is obtainable at 7s. 10s. per cwt. Siam has been in fair demand privately, the sales including good small to bold loose almonds of fair flavour at 23l. per cwt. In auction 8 cases catalogued had been withdrawn.

BUCHU.—Fair clean round green are obtainable at from 5s. 6d. to 5s. 8d. per lb., ordinary yellowish at from 4s. 7d. to 4s. 9d., longs at from 3s. 2d. to 3s. 9d., and ovals at from 2s. 9d. to 2s. 11d. per lb., according to quality.

CALAMUS OIL.—Four cases of Kobayashi brand were offered, but no bid was made. The price is about 10s. per lb.

CALUMBA.—Firm, a sale of 19 bags being made at 45s. for small to bold natural rather dusty sorts.

CARDAMOMS were quite neglected. Without reserve, and for account of whom it may concern, 38 cases of Ceylon-Mysore sold at 1s. 3d. per lb. for medium dull unsorted sizes; two cases medium to bold dull long sold without reserve at 1s. 4d., and under usual conditions 6 cases sold at 1s. 2d., subject, for small pale; 6 cases of small splits realised 1s. 4d. Seed has been sold privately at 1s. 6d.

CITRONELLA OIL.—Four drums from New York sold at 2s. 6d. per lb.

COLCHICUM is extremely scarce, and 6s. 6d. per lb. was wanted for 3 bags of seed, and for two bags of fair pale sliced root 5s. per lb. was wanted.

DILL-SEED.—Fair East Indian (125 bags) were limited at 26s. per cwt.

ELEMI.—Fair pale was limited at 60s. per cwt., and for ordinary dingy seconds 45s. was paid for 10 cases.

GUAIACUM.—Two barrels of fair glassy block, slightly drossy, sold at from 10d. to 11d. per lb.

GURJUN OIL.—A lot of 150 drums of dark brown Singapura offered, of which 20 sold at 7½d., the remainder being retired at 8d. per lb.

HONEY was in good general demand, and prices all round were 3s. to 4s. per cwt. higher; a large business has been done privately both in Jamaica and Cuban descriptions. Jamaica (194 barrels sold) nice pale set was sold at 55s. 6d. per cwt. Good pale brown to brownish set sold at from 51s. to 52s., and ordinary to fair brown set at from 47s. to 49s. 6d. Fair amber liquid 52s., and common to middling dark ditto, 42s. 6d. to 45s. per cwt. Cuban (261 packages sold), comprising good amber liquid, 49s.; ordinary to fair bright amber liquid, 45s. to 47s.; ordinary dull to middling dark amber, 42s. to 45s.; good pale set, 52s.; fair pale setting and set, 47s. to 49s. 6d.; palish brown set, 46s. 6d. to 47s. 6d. San Domingo (310 packages sold), comprising good pale set, 57s.; fair to good palish firm set, 48s. 6d. to 51s. 6d.; brown and amber set, 46s. to 49s. 6d.; ordinary to fair brown set, 43s. to 45s. 6d.; good liquid amber, 53s.; fair ditto, 46s.; and ordinary to fair dark liquid, 42s. to 46s.

IPECACUANHA.—The value of sound Matto Grosso is from 9s. 6d. to 10s. per lb. as to quality, but in auction a considerable quantity of sea-damaged again offered, of which 12 bales sold at from 8s. 6d. to 8s. 10d. for ordinary lean to fair, badly sea-damaged going at 8s. 2d.; ordinary lean root and badly sea-damaged sold at 6s. 6d. (one lot 6s. 10d.), being lower. Of Cartagena a bale of ordinary stalky part mouldy sold at 6s. 6d. Of East Indian 14 bales offered and retired at 8s., no bids being made. Privately small sales of Cartagena are reported at from 7s. 8d. to 7s. 9d. per lb.

KOLA was offered in considerable quantity, but only 15 bags of Java sold at 6d. per lb. for fair bright halves. A further 10 bags of fair halves from Zanzibar sold at 5½d., and 2 bags of ordinary part wormy at 4½d. per lb.

LIQUORICE-ROOT.—A parcel of 20 bales of thin woody Natal was limited at 60s., and for 3 bales of woody undecorticated Chinese of weak flavour a bid of 45s. was refused, and for 110 bales of inferior thin the limit was 65s.

MINT OIL.—A lot of 5 cases Japanese dementhrolised of an outside brand was offered, of which one case sold at 4s. 1½d. per lb.

RHUBARB.—No sales were made in auction, the limit for small to medium round Shensi with three-quarters good fracture was 3s. per lb., and flat was also obtainable at the same price. Medium to bold flat (and/or) round Canton with three-quarters fair pinky fracture was obtainable at 2s. 6d., and three-quarters pale greyish fracture at 2s.; 1s. 4d. was wanted for medium to bold flat High-dried, and from 8d. to 8½d. for round horny High-dried according to fracture.

SARSAPARILLA.—Grey Jamaica sold at firm prices, 14 bales of mostly good grey fibrous realising 1s. 10d. per lb. Honduras sold at steady rates, 48 packages being taken at from 1s. 6d. to 1s. 7d. for good, 1s. 4d. for fair, and 1s. 2d. for inferior. A lot of ten crates Honduras (in prize) was offered, and four sold at 1s. 4d. for sound. Of Lima Jamaica 9 bales offered, and 3 sold at 1s. 7d. for good, and 1s. 6d. for chumpy. Native Jamaica is neglected, 6 bales of red and yellow mixed being bought in at 1s., the limit being 11d. Of Mexican 25 bales offered, the price of which had been raised to 1s. per lb.

SENNA.—Tinnevelly leaf sold at an advance of about ½d. to 1d. per lb. for the better qualities, but medium and inferior grades were unchanged, while pods were cheaper; no good bold green leaf offered. Good small and medium green leaf sold at from 5½d. to 6½d.; small greenish, 4d. to 5d.; and common to ordinary yellowish and sea-damaged, 3d. to 3½d. per lb. Pods sold at from 3½d. to 6½d. as to quality. A bale of so-called Alexandrian pods sold at 2s. 9d. for good palish slightly broken.

WAX, BEES'.—Jamaica sold at firm rates, 8 packages of fair red and brown mixed selling at 8s. 10s., and for a lot of 14 boxes Honolulu 8s. 10s. was also paid. Eleven bags of fair yellow Spanish sold at 7s. 15s., and for 66 bags of Mozambique from 8s. 5s. to 8s. 7s. 6d. was paid for fair brown block. Good bleached Calcutta was limited at 8s. 12s. 6d. In Liverpool, African is steady at from 7s. 17s. 6d. to 8s. 2s. 6d. per cwt., as to quality.



Letters for this section should be written on one side of the paper only. The writer may adopt an assumed name for purposes of publication, but he must in all cases furnish his real name and address to the Editor.

Mr. Woolcock's Candidature.

SIR,—I was much struck by the resolution passed by the Aberdeen Pharmaceutical Association reported in the *C. & D.*, December 9, p. 49. It expresses a view of Mr. Woolcock's candidature for Parliament that has occurred to a good many chemists, and it is a serious question whether we can afford to dispense with our Secretary's services to the extent his Parliamentary duties would probably necessitate. I do not know what arrangement, if any, the Society is prepared to make to supply his place when engaged at Westminster, but obviously it will be impossible for him to give the same time and attention as at present to our concerns when so much of both are necessarily given to other equally urgent duties. The duties of a Secretary are continuous and ancillary; his time is not his own, and, since Mr. Woolcock cannot be in two places at the same time, it must happen that sometimes his duties will clash. Mere routine work can no doubt be done by his Assistant Secretary, but we are accustomed to much more than mere routine work from Mr. Woolcock. Will he be able, as the representative of Hackney (of course he will not be our representative), to continue as active in our service outside of Parliament as he has hitherto been? And if not, will the service he may be able to render us in Parliament make up for the loss? Quite possibly it will, but the Aberdeen Association does well to raise the question.—Yours faithfully, M. P. S. (155/13.)

Retailing Glycerin.

MR. GEORGE F. GODSON, M.P.S. (Old Basford, Nottingham), sends us the following correspondence which has passed between the Ministry of Munitions and himself, and which should be of service to chemists generally:

SIR,—It has been reported to this Department that you are continuing to sell glycerin to the general public. It is thought very necessary, in view of the great shortage of glycerin, and the possibility that it may be necessary to reduce further or even to stop entirely the allowance for medicinal purposes, that the restrictions which this Department has recommended should be applied to all stocks at present held, and in this connection I am to draw your attention to the enclosed copy of Press notice issued by this Department, and to ask you to apply these restrictions to your glycerin. This Department will appreciate your confirmation that you will do so.—I am, Sir, your obedient servant,

A. RAE.

For Director of Propellant Supplies.

The Minister of Munitions makes the following announcement:

"As from April 1, 1916, glycerin manufacturers were asked to obtain from buyers a guarantee that all medicinal glycerin delivered would be used only for making up British Pharmacopœia or B.P. Codex preparations, or where it was prescribed in individual cases, either alone or in combination with other drugs, by a duly qualified medical practitioner."

"These restrictions were not applied to stocks held by wholesalers or retailers prior to April 1, but in view of the increased necessity for conserving the supply for the needs of the war and the possibility that it may be necessary to reduce still further the quantity to be allowed for medicinal purposes, holders of such stocks are now asked to apply the restrictions to them. Such action will directly serve national interests in tending to secure a sufficient supply of glycerin for the general public in those cases where its value for medicinal purposes is of importance."

Old Basford, Nottingham, Dec. 7, 1916.
Director of Propellant Supplies,
32 Old Queen Street, Westminster, S.W.

SIR,—I am in receipt of your letter re the sale of glycerin, and note your remarks, also the Press notice. In Nottingham the general rule is to supply not more than one ounce of glycerin to any one customer, and that for medicinal purposes only. The clause relating to supplying only by doctors' prescriptions would be totally unfair in a poor district like mine, where glycerin is the principal ingredient in most recipes for coughs and colds brought in by the poor, who could not afford to obtain a medical prescription each time. These poor people would be at a distinct disadvantage as compared with the more prosperous section of the community. I should like your ruling in this matter, and shall be glad to know if I am acting against the spirit

of your recommendation by selling one ounce of glycerin to a customer for medicinal purposes only.—I am, Sir,
yours truly,
G. F. GODSON.

32 Old Queen Street, S.W., Dec. 12, 1916.

Sir,—I am directed to acknowledge receipt of your letter of December 7 with regard to the question of the sale of glycerin. I am to say that it is not thought by this Department that in asking that glycerin should not be supplied without a doctor's prescription any real hardship is imposed, seeing that glycerin of itself has not any important medicinal value, and that it has been generally admitted that even if the supply of medicinal glycerin were entirely stopped, it could hardly be argued that any hardship to the public would result. It has also to be considered that the poorer classes of the population are generally speaking, provided with medical advice in the National Insurance scheme, and as the question of conserving the glycerin supply is of so much national importance at the present time, it does not seem possible to make any concession on the lines which you indicate, especially considering that any break of the general rule would have the result of making the restrictions unworkable.—I am, Sir, your obedient servant,

A. RAE,
For Director of Propellant Supplies.

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Appreciations.

"I find your journal absolutely invaluable, and I don't think that I could get on now without your Trade Reports and general business information."—(146/31.)

M. P. S. (26/27), writing from South Wales, says: "I enclose you cheque 12s. 6d., renewal subscription for C. & D. I may truly say that, during these strenuous times we are passing through, I should not like to forfeit my C. & D. I admit to you I would prefer to sacrifice my 'Christmas dinner.' With compliments."

Is Saccharin Harmless?

"Saccharin is antiseptic; consequently it will interfere with and slow down the digestive processes of the alimentary canal. The indication, therefore, is that it cannot be generally recommended as an article of diet, especially for children. I have given up its use in lemonade-powders for this reason."—J. Austin Bayes.

[The antiseptic power of saccharin (insoluble) is 1 in 40, compared with salicylic acid 1 in 1,000, and acetanilide 1 in 400 ("Extra Pharmacopœia," Vol. II., 192). Such a weak antiseptic can have little more effect in slowing digestion than common salt, whose antiseptic power is about the same as that of saccharin.—EDITOR C. & D.]

Legal Queries.

Phenol (157/5).—A registered medical practitioner is an authorised person under the cocaine regulations. You are therefore entitled to sell cocaine to him on the regulation's condition (*C. & D. Diary*, 1917, p. 354, and *C. & D.*, December 9, p. 34), the Pharmacy Act requirements also being observed. A record must be made in the cocaine-book.

B. M. K. (155/53) asks: Can a limited company which has a qualified chemist as a director (who does not act as superintendent) use the term "dispensing chemist?" [No.] If not, I suppose there is nothing to prevent a limited company from carrying on as a drug-store so long as the Pharmacy Act is not infringed. [No.]

G. H. R. (154/9).—The statutory definition of "table-waters" clearly includes non-exciseable wines made and sold or kept for sale in bottles, casks, or other closed receptacles. You are therefore liable for a manufacturer's licence, which costs 10s. a year, and you must in addition pay duty to the Excise authorities on all such wines at the following rates: 4d. per gal. if the beverage is sweetened, and 8d. per gal. if it is unsweetened. The regulations governing the manufacture of and charge for duty are somewhat long and involved, but you will find them very clearly set out in the *C. & D. Diary*, 1917, p. 382.

J. H. L. (156/73).—Our statement in reply to "Squills" last week was based upon a circular (R.84) issued by the Local Government Board on June 1, 1916. It states that

"Under the original Act a man to whom a certificate had been granted, and whose certificate had lapsed, was not deemed to

have been enlisted until two months after the expiration of the certificate. Experience has shown disadvantages in this provision, and the period is now reduced to two weeks, except that the two months is retained for the two following classes: (a) Men who have been engaged in an occupation certified under the Military Service Act by a Government Department, and who were engaged in such an occupation before August 15, 1915, the date of national registration; and (b) men whose conditions of employment have been subject to the provisions of Section 7 of the Munitions of War Act, 1915, as amended by any subsequent enactment (that is, men who are debarred from being employed within six weeks without a leaving certificate either from their employers or a Munitions Tribunal), and who were in the same employment or engaged in the same or a similar occupation before August 15, 1915. It should be noted that any man holding a certificate of exemption which expires after May 25, the date of the passing of the new Act, whether the certificate was granted before or after that date, has only two weeks in which to make a fresh application, unless he belongs to one of the classes mentioned above to which a period of two months is allowed."

It is under (a) that dispensing chemists come, provided their dates are synchronous. Will F. B. (159/6) please note?

Miscellaneous Inquiries.

M. P. S. I. (150/31).—Consult "Pharmaceutical Formulas," p. 602.

E. T. E. (144/67).—LIQUID POLISH FOR FLOORS.—We gave two formulas in the *C. & D.*, August 21, 1915, p. 60, one of which is free from linseed oil.

P. C. B. (153/18).—We have no formula for "an elegant effective eyelash-cream," nor have we any idea of the objects it is desired to attain with such a preparation.

J. H. L. (145/56).—RELATIVE SWEETNESS OF SUGAR AND GLUCOSE.—This was investigated some years ago by Behr, who gave the sweetness of cane-sugar as 1.66 and of glucose 1.

E. H. T. (151/3).—THE FUSTY ODOUR arising from behind wood paneling is most probably due to some matter (animal or vegetable) decomposing within the space, or it may be due to confined air. You should advise your customer to have the space examined before trying to "kill" the odour. A paint of melted pitch is a remedy.

G. B. (147/28).—CLEANING DEVELOPING-DISHES.—Stains of developing-agents are readily removed by hydrochloric acid or a mixture of sulphuric acid and bichromate of potash. Well-glazed dishes do not become stained if rinsed with water as soon as developing is completed.

Pharmacettin (21/27).—GREEN OINTMENT:

Paraff. mollis	...	...	...	11 oz.
Paraff. dur.	...	...	...	2½ oz.
Resini	...	...	...	4 oz.
Ol. eucalypt.	...	...	...	2½ oz.
Chlorophylli	...	...	...	40 gr.

M.S.A.

A. D. (144/64).—COPYING-GRAF.—We do not know the graph to which you refer, but if it is of the non-gelatinous variety the following is a suitable formula:

French chalk	...	...	...	15 oz.
Glycerin	...	...	...	4 oz.

Tragacanth mucilage (10 per cent.) a sufficiency

Mix in a kneading-machine, and when a homogeneous, stiff mass is obtained press it into shallow tin or zinc boxes, smoothing the surface with a steel blade.

Retrospect of Fifty Years Ago.

Reprinted from "The Chemist and Druggist," Dec. 15, 1866.

Gossip.

Mr. Joseph Ince has undertaken the compilation of a paper entitled "Hints on Laboratory Work and Dispensing Practice" for the British Pharmaceutical Conference.

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Dr. Reis has written a letter to the "Bulletin Général de Thérapeutique" verifying the asserted powerful yet harmless effects of the *Erythroxylon Coca* as a nervous stimulant.

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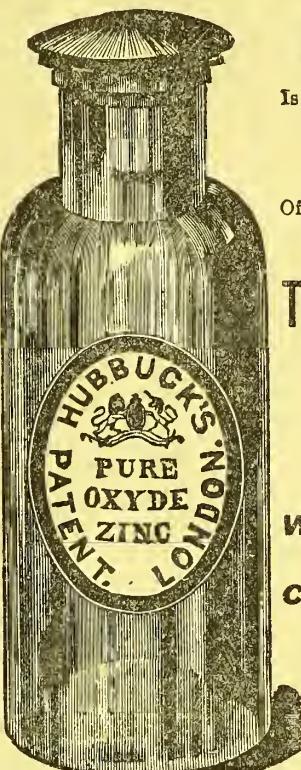
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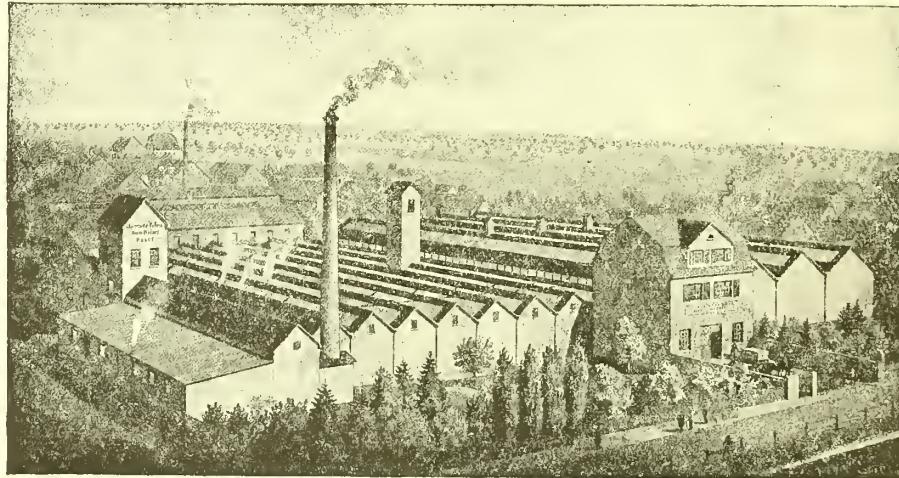
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Icthyol Ammon. chemical equivalent : Ammon. Ichthosulphonas, B.P. Codex, 7 lbs. @ 7/-lb.; 1 lb. @ 7/6 lb.

*Inf. Aurant. Conc., 1 to 7, 6 lbs. @ 1/8 lb.

** Aurant. Comp. Conc., 1 to 7, 6 lbs. @ 1/7 lb.

Buchu Conc., 1 to 7, 6 lbs. @ 2/8 lb.

Calumba Conc., 1 to 7, 6 lbs. @ 1/1 lb.

Caryoph. Conc., 1 to 7, 6 lbs. @ 1/3 lb.

Cascarella Conc., 1 to 7, 6 lbs. @ 1/6 lb.

Cinchona Acid, 1 to 7, 6 lbs. @ 1/10 lb.

Gentianæ Co., 1 to 7, 6 lbs. @ 1/3 lb.

Quassia Conc., 1 to 7, 6 lbs. @ 1/11 lb.

Rhei Conc., 1 to 7, 6 lbs. @ 1/9 lb.

Rosa Acid. Conc., 1 to 7, 6 lbs. @ 2/10 lb.

Seneca Conc., 1 to 7, 6 lbs. @ 2/7 lb.

Valerian Conc., 1 to 7, 6 lbs. @ 1/9 lb.

Insect Powder, Opt., English Grd., closed flowers, 7 lbs. @ 3/- lb.; English Ground, ½ closed flowers, 4d. lb. less; Foreign Ground, 28 lbs. @ 1/10 lb.

Iodoform Pulv. B.P., 7 lbs. @ 20/6 lb.; 1 lb. @ 21/-lb.

Iodium, resub., B.P., 7 lbs. @ 18/9 lb.; 1 lb. @ 19/3 lb.

Isinglass, Brazil, fine cut, 7 lbs. @ 3/9 lb.; 1 lb. @ 4/-lb.; Russian finest, 7 lbs. @ 10/6 lb.; 1 lb. @ 11/-lb.; Ribbon or Sheet, 7 lbs. @ 2/9 lb.; 1 lb. @ 3/-lb.

Kamala, 7 lbs. @ 1/8 lb.; sifted, 2/- per lb.

Lapis Punicus, fine powder, 2 cwt. @ 12/6 cwt.; 7 lbs. @ 2d. lb.; lump, 2 cwt. @ 18/- cwt.; 7 lbs. @ 3d. lb.

Licorice Juice, Sticks, 1 cwt. @ 190/- cwt.; 28 lbs. @ 1/10 lb.; 7 lbs. @ 1/11 lb.

*Lin. Aconiti Metb., 5 lbs. @ 2/2 lb.; 1 lb. @ 2/5 lb.

*Bellad. Meth., 5 lbs. @ 8/8 lb.; 1 lb. @ 9/-lb.

Camph. P.B., 40 lbs. @ 1/2 lb.; 9 lbs. @ 1/3 lb.

Sapo Metb., 9 lbs. @ 1/3 lb.

Tereb. Acet., B.P., 5 lbs. @ 1/3 lb.

Linseed c. Oil, Crushed, 3 cwt. @ 28/- cwt.; 1 cwt. @ 28/6 cwt.

*Liq. Ammonii Acetatis Conc. 1-7, 6 lbs. @ 1/-lb.; 1 lb. @ 1/4 lb.

*Ammon. Aromat., 6 lbs. @ 10d. lb.

*Antim. Chlor. Pure, 8 lbs. @ 10d. lb.

*Arsenicals, B.P., 7 lbs. @ 5d. lb.; 1 lb. @ 8d. lb.

Arsenii Hydrochlor., P.B., 7 lbs. @ 4d. lb.; 1 lb. @ 7d. lb.

Bismuth, P.B., 6 lbs. @ 1/7 lb.

Copaida Buchu et Cubeb, 5 lbs. @ 3/- lb.; 1 lb. @ 3/3 lb.

Easton, p.s. 1-3, B.P., 1 lb. @ 3/5 lb.

Ferr. Dialysatus, 6 lbs. @ 1/2 lb.

“ Ferri Iod.” p.s., 1-7, 1 lb. @ 8/-lb.

“ Ferri Perchlor. Fort., P.B., 7 lbs. @ 6d. lb.

“ Ferri Phosph. Co. p.s., 1-7, 7 lbs. @ 1/7 lb.

“ Hamameitidis, B.P., 6 lbs. @ 1/3 lb.

“ Hypophosph. Co. p.s., B.P.C., 1 lb. @ 4/1 lb.

Iodi Fort, B.P., 5 lbs. @ 7/-lb.

Morphinae Acet. or Hydrochlor., P.B., 6 lbs. @ 4/2 lb.

Opii Sed., 5 lbs. @ 6/3 lb.

Plumbi Subacet., P.B., 7 lbs. @ 7d. lb.

Pruni V'r'g. p.s. 1-7, 5 lbs. @ 2/9 lb.

Rheas pro Syr., 1 to 7, 5 lbs. @ 2/8 lb.

Rhei, p.s., 1-7, 6 lbs. @ 2/4 lb.

Santal. Co., 1 lb. @ 5/1 lb.

Sennæ Dulc., 6 lbs. @ 1/8 lb.

Sennæ pro Syr. 1-7, 6 lbs. @ 3/4 lb.

Strychninæ Hyd. P.B., 6 lbs. @ 1/11 lb.

Tolut. pro Syr. 1-7, 6 lbs. @ 1/9 lb.

Trinitrini, B.P., 1 lb. @ 7/-lb.

Lithia Carb. P.B., 28 lbs. @ 6/- lb.; 7 lbs. @ 6/3 lb.; 1 lb. @ 6/6 lb.

Citras, B.P., 28 lbs. @ 6/4 lb.; 7 lbs. @ 6/7 lb.; pulv., 3d. lb. extra.

Lycopodium, 7 lbs. @ 7/9 lb.

Mag. Calc. Levis, 1 lb. @ 2/- lb.

Mag. Calc. Pond., 7 lbs. @ 2/9 lb.; 1 lb. @ 3/-lb.

Mag. Carb. Pond., 7 lbs. @ 11d. lb.

Mag. Carb. Levis, 1 cwt. @ 75/-; 7 lbs. @ 9d. lb.

Mag. Cit. Gran., 28 lbs. @ 1/5 lb.; 6 lbs. @ 1/6 lb.

Mag. Sulph., fine druggists', B.P., 1 cwt. @ 19/6; 28 lbs. @ 2/d. lb.

Manna, Flake, 14 lbs. @ 5/10 lb.; 7 lbs. @ 6/- lb.; 1 lb. @ 6/6 lb.

Menthol, dry white cryst., 60 lbs. @ 14/- lb.; 5 lbs. @ 14/8 lb.

*Mist. Senna Comp., B.P., 20 lbs. @ 8d. lb.; 6 lbs. @ 9d. lb.

Morphinæ Acet. Hydrochlor. or Sulph., Pulv. B.P., 25 oz. @ 14/- oz.; 16 oz. @ 14/3 oz.; 8 oz. @ 14/6 oz.; 1 oz. @ 15/3 oz.; Pns.

Pracip. Bimeconate or Tart., 1 oz. @ 19/- oz.; Morphinæ Diacetyl., 4 oz. @ 21/- oz.; 1 oz. @ 21/6 oz.; Hydrochlor., 6d. per oz. less.

Myrrb. Gum, English Ground, 28 lbs. @ 1/8 lb.; 7 lbs. @ 1/10 lb.

Naphthalene, Candles, 7 lbs. @ 7½d. lb.

Nux Areca, 1 cwt. @ 55/- cwt.; 7 lbs. @ 7d. lb.; powder, English ground, @ 80/- cwt.; 7 lbs. @ 9d. lb.

Ol. Amygdal. Ang., B.P., 9 lbs. @ 2/10½ lb.

Ol. Anethi Ang. B.P., 1 lb. @ 30/- lb.

Ol. Anisi, E.I., 66 lbs. @ 3/8 lb.; 16½ lbs. @ 4/-lb.; 4½ lbs. @ 4/5 lb.; 1 lb. @ 4/8 lb.

Ol. Aurant., 12 lbs. @ 10/6 lb.; 1 lb. @ 11/- lb.; not guaranteed absolutely pure.

Oil of Bays, genuine W.I., 1 lb. @ 14/6 lb.

Ol. Cajuput., B.P., 21½ oz. tabs. @ 4/9 lb.

Ol. Camphor. Essent., White, 40 lbs. @ 8½d. lb.; Brown, 40 lbs. @ 120/- cwt.

Ol. Caryoph. Ang., B.P., 9 lbs. @ 6/4 lb.; 4½ lbs. @ 6/7 lb.

Ol. Cassia, 16 lbs. @ 4/6 lb.; 6 lbs. @ 4/9 lb.

Ol. Cinnam., 1 lb. @ 32/- lb.; 1 oz. @ 2/3 oz.

Ol. Citronella, 9 lbs. @ 2/3 lb.

Ol. Coco Nucis, finest White, 80 lbs. @ 71/- cwt.; 40 lbs. @ 73/6 cwt.

Ol. Eucalypt., P.B., 1 cwt. @ 2/5 lb.; 28 lbs. @ 2/6 lb.; 9 lbs. @ 2/7 lb.

Ol. Geranii Gall. Opt., 1 lb. @ 28/- lb.; 8½ oz. tabs. @ 2/3 oz.; 1 oz. @ 2/6 oz.; Turc., 1 lb. @ 15/- lb.; 4 ozs. @ 16/6 lb.

Ol. Gynocardia, 5 lbs. @ 4/- lb.; 1 lb. @ 4/3 lb.

Ol. Juniperi Ligne Exot., 9 lbs. @ 5/3 lb.

Ol. Lavand. al. Flor., 5 lbs. @ 17/- lb.; 1 lb. @ 18/- lb.

Ol. Menth. Pip. English, 5 lbs. @ 52/- lb.; 1 lb. @ 52/6 lb.; Hotchkiss original bts., 21 oz. each @ 15/9 lb.; 6 bts. @ 15/6 lb.; 18 bts. @ 15/- lb.; American, 20 lbs. @ 11/- lb.; 4½ lbs. @ 11/6 lb.; 1 lb. @ 12/- lb.; Japanese, 60 lbs. @ 4/6 lb.; 5 bts. @ 5/- lb.

Ol. Morrhæa, 1915, finest non-freezing, 2-gall. tins @ 20/- per gall.

Ol. Myrrane, 9 lbs. @ 3/- lb.

Ol. Myristica, 7 lbs. @ 5/- lb.; 1 lb. @ 5/6 lb.

Ol. Nucia Pallid., 2 gall. tins @ 7/6 gall.

Ol. Olivæ, P.B., good yellow, guaranteed pure, 45 gall. barrels @ 6/2 gall.; 2 gall. tins @ 7/6 gall.

Ol. Origani Rub., Coml., 28 lbs. @ 2/- lb.; 9 lbs. @ 2/3 lb.

Ol. Peach Kernel (so-called), 1 cwt. @ 1/5 lb.; 56 lbs. @ 1/6 lb.; 9 lbs. @ 1/7½ lb.

Ol. Pulegi B.P., 5 lbs. @ 6/6 lb.; 1 lb. @ 6/10.

Ol. Ricini Alb. Opt. Medicinal, 40 lbs. @ 85/- cwt.; 9 lbs. @ 10½ d. lb.; for export, 1 cwt. drums recommended.

Ol. Rosmarini, Coml., 28 lbs. @ 2/3 lb.; 9 lbs. @ 2/6 lb.; B.P., 9 lbs. @ 3/- lb.; 1 lb. @ 3/3 lb.

Ol. Santal. Flav. Ang. B.P., 5 lbs. @ 47/6 lb.; 1 lb. @ 48/5 lb.

Ol. Sassafras, genuine, 28 lbs. @ 3/10 lb.; 1 lb. @ 4/5 lb.

Ol. Theobromæ B.P., 8-oz. tabs., 28 lbs. @ 2/4 lb.; 7 lbs. @ 2/6 lb.

Ol. Wintergreen, Artificial, 5 lbs. @ 8/3 lb.; 1 lb. @ 9/- lb.

Opium, B.P., 14 lbs. @ 37/6 lb.; 3 lbs. @ 38/- lb.; 1 lb. @ 39/- lb.; powder, 6d. lb. extra.

*Minimum quantity at these prices; Home Trade, 3 Winchester Quarts assorted; Export, 12 Winchester Quarts assorted

NOTE.—Only terms Net Cash with Order without discount, or orders accepted through London Merchants or Bankers. Goods carriage forward; all packages free; Export cases extra.

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AIR CUSHIONS.

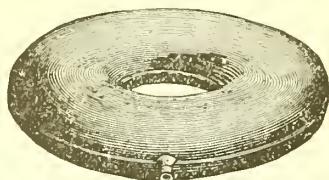


Fig. 1194.

**BRITISH
MAKE.**

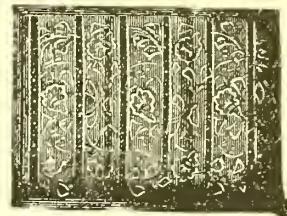


Fig. 1354.

Fig. 1194.—The "EMPIRE," red India-rubber Air Cushion—

Diameter	14	15	16	17	18	19	20 in.
Each ...	6 6	7 0	8 0	8 6	10 0	11 6	12 6
			Sizes	14×10	15×12		

Fig. 1354.—Air Cushion, sateen covered, reeded ... Sizes

Each	4	3	4	9	6	0
"	"	"	"	super quality	"	6 0

Special Line.—Khaki-covered Pillow, 17×12 in., in khaki case with clasp each 4 9

5% discount allowed for prompt cash off above prices. Carriage paid on orders of £2 and upwards to any town in the United Kingdom.

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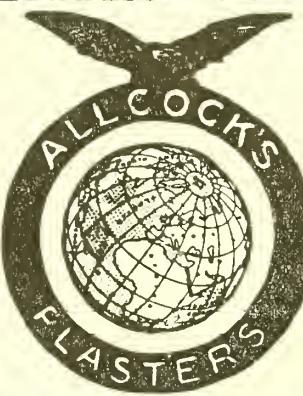
8×6	10×6	10×8	12×6	12×8	12×10	14×8	14×10	14×12
6/6	6/6	7/6	7/6	7/6	9/6	9/6	11/-	11/- doz.

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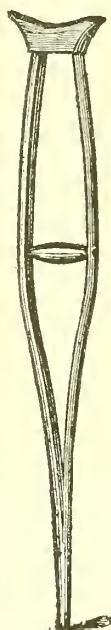
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EMULSIONS. 8, 12 and 16 oz.**1 oz. R.S. LIMES.** Mexicans and Panels.**5 oz. Screw Jars** (Hand Made).**Large Stocks of MALE SYRINGES.****Stocks of DOUCHE LININGS.** $\frac{1}{2}$ oz., 1 oz. and 2 oz. Sizes.**Stocks of VIALS, LIMES, TOBINS, etc.****NEEDLES FOR HYPODERMICS**

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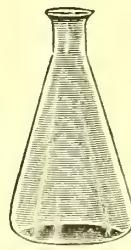
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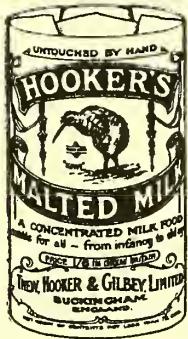
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I feel a different woman since taking it. I look forward to my meals now and enjoy them, and I can go about my work without that tired feeling. I am 46 years of age, and I am advising my friends to try it as I have had so much benefit from it. I should like so much for every woman to try it, there are so many suffering as I used to, especially about my age, that I felt I had to write this to tell you."

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The fixed prices at which Sanaphos is sold show a net profit to the retail chemist of over 30 per cent. on selling price (over 40 per cent. on cost.) The wholesale prices are:—1/- size, 8/6 per dozen; 1/6 size, 12/9 per dozen; 2/6 size, 21/- per dozen; 5/- size, 42/- per dozen. Sanaphos is a reconstructive NERVE Food; Nutritive, Restorative and Activating. It is indicated in Mental and Physical Fatigue; Nervous Breakdown; Insomnia; and Neurosthenia. Sanaphos is an organically phosphated milk product, much superior to the former German-owned article, and is prepared in England under strict scientific control. Chemists are invited to write for samples, showcards, and all particulars; and to send names of physicians, to whom we shall be pleased to send samples of Sanaphos and copies of numerous professional endorsements. Address: THE BRITISH MILK PRODUCTS CO., LTD., 69 MARK LANE, LONDON, E.C. — — — Exceptional Terms for Supplies to Hospitals.

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SPECIALITIES.—Gums Arabic and Tragacanth as imported or finely powdered.**DISINFECTANTS**

OF ALL KINDS

Cheapest Makers of Co-efficient Acids and Fluids.

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British Acetyl-Salicylic Acid

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Giving the greatest degree of permanent luminosity. Guaranteed free from inferior low-grade radio-active properties. Can be applied to any article with utmost facility. Supplied in complete sets containing all necessary tools and materials with instructions for use. Price 7/9.

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A Cough Mixture of 50 years' proven excellence.



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spread thickly on fresh buttered bread makes the final feast for any rat, and in some cases swarms of rats have been found dead after a small quantity has been used. "Rodine" is the

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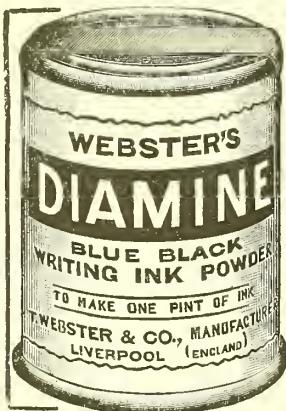
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As supplied to Govt. Dep'ts.
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CLEAR BLUE TINTED.—3 and 4 oz., 6 and 8 oz., 12 oz., 16 oz.
Plain or graduated.

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BLUE LOTION BOTTLES.—½ oz., 1 oz., 1½ oz., 2 oz., 3 oz., 4 oz.,
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We send six gross assorted or otherwise, carriage paid within seven miles, and to certain stations. Particulars on application.

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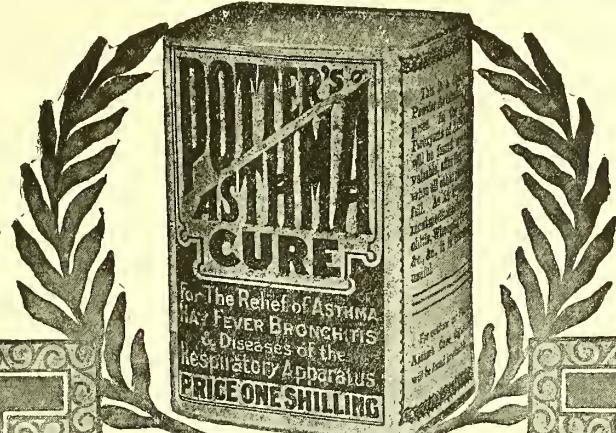
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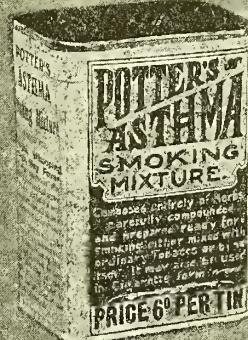
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NOVOCAIN

(The original Local Anaesthetic)

Contains no Cocaine.

Awarded Gold Medal
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(Trivalin with Hyoscine)

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Containing 22% assimilable
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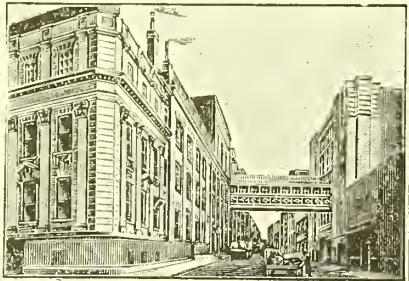
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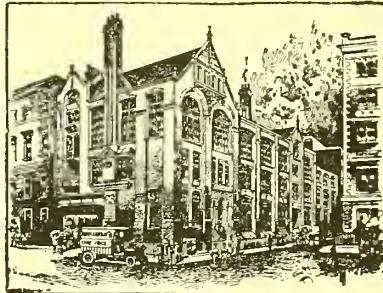
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OFFICES and WAREHOUSES.



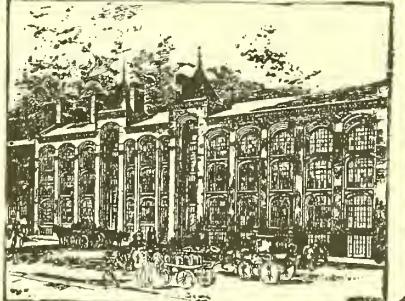
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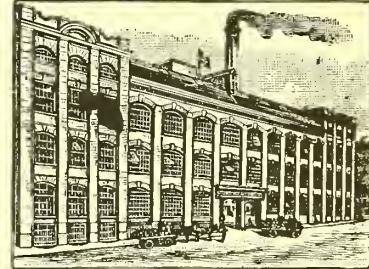


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AND
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THE CHEMIST & DRUGGIST SUPPLEMENT.

OFFICE: 42 CANNON STREET, E.C.

SATURDAY, DECEMBER 16, 1916

TO ADVERTISERS IN THIS SUPPLEMENT.

The Publisher desires to make it clear that advertisements of Businesses for Disposal and Wanted, Situations Open and Wanted, Exchange Column, &c., MUST BE PREPAID (except in the case of serial advertisers), and to ensure prompt insertion REMITTANCES MUST ACCOMPANY INSTRUCTIONS.

Advertisements for the current issue cannot be received after 4 p.m. on Thursday in each week. If it is necessary to telephone or telegraph an urgent announcement this may be done

PROVIDED the MONEY IS TELEGRAPHED

at the same time and the fact made clear that the money order is to be delivered at 42 CANNON STREET, LONDON, E.C. Advertisers will assist greatly in the preparation and quick despatch of the Supplement by making careful note of these rules. Telephone: No. 3617 Central (3 lines). Telegraphic Address: "Chemicus Cannon London." (Three words counted as two.)

CHRISTMAS HOLIDAYS.

All firms requiring Copies of The Chemist and Druggist Supplement next week should send instructions to reach this Office on or before Friday morning next, December 22, when we close for the Christmas Holidays. Replies, addressed c/o THE CHEMIST AND DRUGGIST, reaching this Office after the date named will not be dealt with until Wednesday, December 27.

December 16, 1916.

42 Cannon Street, London, E.C.

CHEMISTS' TRANSFERS.

Messrs. ORRIDGE & CO., 56 Ludgate Hill, E.C.

Telephone Number: City 2283.

May be consulted at their Offices on matters of SALE, PURCHASE, and VALUATION.

1.—LONDON, W. (Special Opportunity).—For immediate Disposal, high-class Dispensing and Retail Business; returns about £1,200; gross profit between £650 and £700; the business is known to us, and we can recommend it; valuation terms.

2.—LONDON, N.W.—Wholesale Proprietary and Retail Business; returns about £3,000 yearly; scope for extension under personal management; excellent opening for two energetic men accustomed to good-class trade; terms, valuation of stock and fixtures, less a rebate of about 50 per cent.

3.—RICHMOND (Surrey), Near.—Very old-established Business, held by vendor many years, now retiring; returns between £850 and £900; profit above the average; first reasonable offer will be accepted.

4.—ISLINGTON.—Ready-money Business; good position in main shopping thoroughfare; returns between £900 and £1,000; profits above the average of Retail trade; price about £325.

5.—PORTLAND STREET STATION (Within Easy Distance of).—For Disposal, through death, good middle-class Business, Retail and Dispensing; excellent position in busy thoroughfare; returns £1,000; net profit £300; price to be arranged; equitable terms only required.

6.—KENT (Suburban).—Well-established Business, Retail and Dispensing; returns £900; net profit about £250; full investigation is invited; price £275 on entry and £175 by instalments to meet buyer's requirements.

7.—LONDON (Northern Suburb).—Brisk Ready-money Retail Business, situate in busy main thoroughfare; returns under management £1,400 to £1,500; terms, £200 on entry and £175 by instalments.

8.—WESTERN COUNTY.—Old-established Business, Retail, Dispensing, and Agricultural; situate in best position in good market town; returns about £1,700; about £1,000 required, for which full value is offered.

9.—WEST OF ENGLAND (Health Resort).—Select, good-class Business, admitting of extension; returns about £1,400; well-stocked shop and good house, on lease; price £1,200.

10.—MIDLANDS (Large Town).—Retail and Dispensing Business, established many years; returns under management about £600, formerly £1,000; there is also an appointment giving an income of £80 yearly; satisfactory reason for disposal; valuation terms entertained.

11.—SOUTH COAST.—Good middle-class Retail, Dispensing, and Photo Sundries; situate in main road in chief business centre; returns between £1,000 and £1,100; net profit exceeds £350; attractive shop and large residence; price £750.

12.—WILTS.—Sacrifice for immediate Sale; neglected Retail, with Wine and Spirit licence; returns about £1,000; scope for plenty of increase under qualified management; good house and garden about £200 required.

13.—SOUTHAMPTON (Near).—Mixed Country Business; established about 100 years; returns £800; net profit £300; large double-fronted shop; comfortable residence; price £450.

14.—S.W. OF ENGLAND.—Thoroughly sound Retail, together with Wines and Spirits; returns about £1,600; price £50 and valuation of stock and fixtures; good-sized house, with garden attached.

VALUATIONS FOR STOCKTAKING.

Messrs. O. & Co. desire to emphasize the necessity of a Periodical Statement of Account, by which means alone Profit, the value of Business, &c., can be determined. Involving as this does the labour of Stocktaking and Valuation, it is often omitted, and eventually becomes the cause of confusion and loss.

Messrs. O. & Co. are prepared to undertake these essential duties, and will make Special Terms for such services.

ORRIDGE & CO., 56 LUDGATE HILL, LONDON, E.C.

PARSON C. BAKER

**Pharmaceutical Chemist,
TRADE VALUER AND TRANSFER AGENT.**

Recommended by British Drug Houses, Ltd.: Meggeson & Co.: Barclay & Son.
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**Valuer to the Association of Manufacturing Chemists, Ltd.
VALUATIONS, ESTIMATIONS, EXAMINATIONS, AND
FULL REPORTS, TOWN OR COUNTRY, ON MODERATE TERMS.**

No charge whatever to vendors or purchasers except by agreement.
Personal Attention. 40 years' Valuation Experience.

Forced Sale.—Joining up. Central position, popular suburb. Returns £1,300, good class. Large house, can let off. Suit limited company.
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AND EXPERT STOCKTAKERS,
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ESTABLISHED OVER HALF A CENTURY.
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(ESTD. 1837.)

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AND EXPERT STOCKTAKERS.
Balance Sheets Prepared. Books Audited.
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Telephone: GERRARD 2169.**

BERDOE & FISH

VALUERS & TRANSFER AGENTS,

35 Jewry Street, Fenchurch Street, City.

Telephone: 1809 CENTRAL.

NO CHARGE TO PURCHASERS.

1.—**SOUTH COAST** (Fashionable Resort).—Good-class Dispensing and Retail Business, with Photographic, in principal main thoroughfare; turnover nearly £2,000; profits about a third; commanding corner Pharmacy, well fitted and stocked; good house attached; price, simply valuation of stock and fixtures, plus £100 goodwill, in all about £1,000.

2.—**SOUTHERN COUNTY**.—First-class Dispensing and Retail Business in most desirable town; returns about £1,200; gross profits half; scope for considerable increase in right hands; good position, main road; price £700, or £100 and valuation of stock and fixtures; personally inspected and recommended.

3.—**LONDON (West End)**.—Exceptional offer; high-class Dispensing and Retail Business for Disposal; 9,000 scrubs yearly; returns exceed £2,400, producing a net income of £800; excellent position; very valuable lease; handsome Pharmacy, well stocked; price £1,100 cash; quick sale desired; will bear strictest investigation.

4.—**CLAPTON, N.**—Good-class Light Suburban Retail Business; in same hands 16 years; returns £850; good profits; attractive Pharmacy and convenient house; stock and fixtures recently valued at over £300; will accept about £150 for quick sale; only requires seeing; personally recommended.

STOCKTAKINGS.

Appointments for stocktakings and valuations should be made early. Full particulars and terms sent on application.

Why you should have stock taken is very clearly defined on page 90 of the *C. & D. Diary*, 1917.

Have you read it?

BUSINESSES FOR DISPOSAL

3s. 6d. for 50 words or less; 6d. for every 10 words or less beyond, prepaid.

The **Advertiser** may, if preferred, have replies addressed to this Office, and forwarded on payment of an additional charge of 6d.

Price-lists, trade circulars, samples, and printed matter can in no case be forwarded, the Box numbers being intended exclusively for specific answers to particular advertisements. The Publisher reserves the right to open and refuse to forward any communications received which he may consider contrary to this rule.

BIRMINGHAM Suburbs.—For Disposal, genuine Cash Drug Stores; returns about £500; double-fronted, well-fitted, and heavily stocked; excellent house attached; low rent; unique position for qualified man, who could easily double; owner called up and must sell at once; price £250. 51/190, Office of this Paper.

CORNISH RIVIERA.—Old-established Retail and Dispensing Business; returns £1,500-£1,600; exceptional low rent; good Optical connection; satisfactory reasons for selling; plenty of scope for increase; beautiful locality; valuation terms (about £650) only wanted; Manager with view to purchase entertained. Apply, 50/38, Office of this Paper.

HOVE, Brighton.—For immediate Sale, Business in busy thoroughfare; valuation of stock and fixtures about £400; rent £55 per annum; owner called up. Apply first to Barker, Trafalgar Road, Portslade, Sussex.

LONDON, S.W. Suburb.—Price £120; small Business; turnover about £400, increasing (without panel, much needed); low working expenses; modern fittings; saleable stock; good profits; lock-up shop, main road; part cash, balance by instalments, accepted for quick sale; seen by appointment any time. Apply, 52/9, Office of this Paper.

MANCHESTER.—Old-established high-class suburban Retail and Dispensing Business; corner position on main thoroughfare; well stocked and fitted; lock-up premises would be entertained at a proportionate reduction in rental; reason for disposal, entering medical profession; price considerably below valuation accepted. Apply, E. W. Terry, 27 Wilmslow Road, Withington, Manchester.

CHEMIST'S Shop to be Sold in Holloway; established 16 years; now managed by a lady; would suit a qualified man; Health Insurance; populous neighbourhood; price £250. Address, 158/—, Office of this Paper.

FOR Disposal, stock and goodwill of established Business dealing in Radium and Radium Products; the stock includes apparatus, with necessary Radium preparations for rendering water radio-active, and quantities of Radio-active earth for external application. For particulars apply 159/55, Office of this Paper.

HIGH-CLASS Dispensing Business for Sale; owner given final exemption will accept best offer, cash or easy terms; banker's reference required; increasing returns; healthy Loudon suburb. 48/40, Office of this Paper.

MARKET TOWN, Hampshire.—Owing to Difficulty in Obtaining Trustworthy Manager.—Handsome-fitted, good-class Pharmacy for Sale; returns £1,500 under management; large premises, suitable for big business; short hours; no Sunday duty; practically no N.H.I.; good house; about £1,000; valuation terms entertained; no Agents. 54/30, Office of this Paper.

£100 for genuine Business in thickly populated Birmingham suburb, near very large works; doing £11 weekly; nicely fitted, double-fronted shop, with good house; good working stock; low rent; price asked less than valuation; must sell, at once; illness cause of sale. 51/19, Office of this Paper.

AGENCIES.

Price-lists, trade circulars, samples, and printed matter can in no case be forwarded, the Box numbers being intended exclusively for specific answers to particular advertisements. The Publisher reserves the right to open and refuse to forward any communications received which he may consider contrary to this rule.

FRENCH and English Chemists, doing a good Wholesale and Retail business in Chile, S.A., are open to take up exclusive Agencies; keep your trade out of German hands; references, Evans & Sons Lescher & Webb, Ltd. Address, Mahuzier Succesores, P.O. Box 265, Concepcion, Chile, S.A.

INDIA.—Being well in touch with the markets we are open to accept Agencies of any description in Drugs, Disinfectants, and Proprietaries, etc.; this branch is in charge of an English Chemist. For further particulars apply to M. McGinley & Co., Merchants and Agents, F4 Clive Buildings, Calcutta.

A HANDBOME and additional income can be made by Commercial Travellers and Agents by taking up our Specialities as a side-line. Call or write for particulars to the Quick Change Loose Letter Sign Co., 5 Clerkenwell Road, London, E.C. Tel. No. Central 4432.

SIDE LINE.—Wanted, early in the New Year, several smart Representatives, with good connection among Chemists and Drug Stores, to take up excellent side-line; good seller, showing big profit to retailer; liberal commission to suitable men. Reply, stating ground covered, to 48/19, Office of this Paper.

FOR SALE.

100 Gross CARDBOARD BOXES,

Hinged Lid, Leatherette Covered,
 $6 \times 2\frac{1}{2} \times 1\frac{3}{4}$.

Write "S. W. T.", c/o SHIRLEY BROS., LTD.,
4 Rockingham Street, London, S.E.

FOR Sale, empty Petroleum and Lubricating Oil Barrels, standard size, lying at Avonmouth, Birkenhead, Dublin, Manchester, and Purfleet. Address offers and inquiries to Anglo-American Oil Co., Ltd., Sales Department, 36 Queen Anne's Gate, London, S.W.

TWO small National Cash Registers, in first-class condition, for Sale cheap; only used short time. Write, F. Hessey, 50 St. Thomas Road, Finsbury Park, N.

M AXIM'S Pipe of Peace Inhalers; 3 dozen offered below market price. Timothy White Co., Ltd., Portsmouth.

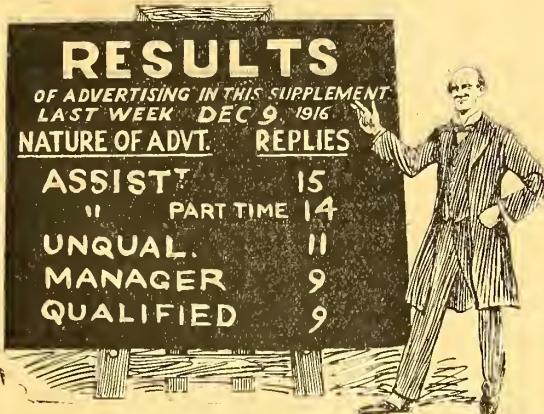
SYPHONS.—About 340 doz. 30-oz. ordinary; also about 1,300 doz. split Codd bottles (with cases); 1,000 doz. cork and screw stone Gingers; and a number of 1 and 2 gall. jars. Reply to Box 4, Knight's Advertising Offices, 48 Watling Street, E.C.

5,000 No. 1½ Cachets, 10s., and 5,000 No. 2, 10s.; 7 lb. Zinc Oxide Opt., 7s.; 2 lb. Bismuth Subgallate, 13s. lb.; 4 oz. Phenazone Tabs., 5 gr., 14s.; 3 oz. Phenazone Pulv., 9s.; 100 Shop Rounds, fair condition, 4 oz. to 80 oz.; 1 oz. Orig. Piperazine, 15s.; 1 Maw's Dispensing Scales and Weights, 22s.; 1 Set Metric, 1 Milligr. to 100 grms., 5s.; 1 Set Metric, 1 Milligr. to 500 grms., in mahog. box, 15s.; Doctor's Dispensing Cabinet, with bottles, gas, water, and sink, cost £35, £12. Stevens, 97 Borough High Street, S.E.

SITUATIONS OPEN.

3s. 6d. for 50 words or less; 6d. for every 10 words or less beyond, prepaid.

The Advertiser may, if preferred, have replies addressed to this Office, and forwarded on payment of an additional charge of 6d.



This Blackboard demonstrates that Advertisers using these columns get a ready response to their announcements. The figures only refer to some of the letters RECEIVED AT OUR OFFICE on behalf of Advertisers who use a number or nom de plume.

TO SAVE TROUBLE.

MANY correspondents answering advertisements in this Supplement enclose remittances to cover the cost of forwarding their letters to advertisers who prefer to be addressed c/o this Office. The Publisher desires to make it clear that this is quite superfluous, and perhaps this reminder will obviate the necessity of the frequent return by him of such remittances.

ANSWER IN TERMS OF THE ADVERTISEMENT AND

REMEMBER you are one of possibly hundreds applying for the same position. Put your case before the advertiser so that he may be able to form a MENTAL PICTURE of your suitability.

BE BRIEF BUT CLEAR.—Millions of applications are consigned to the waste-paper basket UNCONSIDERED, because the reader cannot form this picture from the inadequacy of the materials set before him.

RETURNING PHOTOS, Etc.

Advertisers in this Section who receive portraits and copies of testimonials from applicants with a stamped addressed envelope for reply are reminded that the undue retention of these often means a hardship to the sender. All personal documents should be returned as promptly as possible after perusal.

RETAIL.

B IRMINGHAM.—Manager, qualified, for busy Retail; must be good Salesman, capable Manager, and have undeniable references; apply, with full particulars of salary required, age, and experience. Junior for Branch also required. A. S. Price & Co., Ltd., Blackheath, Birmingham.

B RIGHTON.—Wanted, Assistant for Branch for N.H.I. Dispensing, etc.; one accustomed to Manufacturing Galenicals, etc.; out- or in-doors; active man essential, for brisk trade. Apply, stating full particulars, to Savage & Co., Ph. Chemists, Brighton.

B RIGHTON (Outdoors).—Competent Assistant; duties principally Dispensing; hours 9 to 7.30, Wednesdays 9 to 9, Thursdays 9 to 1.30; alternato Sunday duty. Apply, with full particulars as to experience, stating age, height, salary wanted, and enclosing photo if possible, J. Colby & Co., 101 Western Road, Brighton.

BUXTON.—Lady Assistant or gentleman (ineligible) for good-class Dispensing and Retail business; at once or after Christmas. Apply, with usual particulars, age, experience, etc., to A. Thresh, Pharmacist, Buxton, Derbyshire.

CILFON.—Ineligible Assistant for high-class Dispensing business; qualified or unqualified; indoors; no evening duty. Apply, stating age, experience, and salary required, to Giles, Schacht & Co.

CORNWALL.—Wanted, by the second week in January, a capable Assistant (outdoors) for an old-established country business; short hours; no Sunday duty. Apply, C. Wakeham & Son, Chemists, Helston.

CREWE.—Wanted, lady Dispenser and Bookkeeper; must be experienced. State salary required and references, Dr. H. English, Earnscliffe, Crewe.

EXETER.—Assistant, good-class Retail and Dispensing, required at once or immediately after Christmas. Please give all particulars in first letter to save time, Holman, Ham & Co., 74 High Street, Exeter.

FULHAM.—Wanted, a competent Assistant (outdoors) for N.H.I. and Light Retail; easy hours; alternate Sundays 6.30 till 8 p.m.; lady not objected to. Full particulars of experience, reference, salary required, to Arnett & Co., 317 Lillie Road, Fulham Cross, S.W.

HANTS.—Manager; qualified; Market town; smart business builder; knowledge of Farmers' requirements; Prescribing, Photography, some Optics and Dentistry useful, not essential; short hours, no Sunday duty. Full particulars as to age, experience, if married what family, salary required (on or off premises), when disengaged, references, photo, 54/300, Office of this Paper.

HULL.—Wanted, Assistant (outdoors), with Dispensing experience; permanent. State particulars and salary required to C. H. Kirton, Pharmaceutical Chemist, 53 Savile Street, Hull.

KINGSTON-ON-THAMES.—Unqualified reliable and trustworthy Assistant required; one seeking permanency; good Counter trade; Allopathic and Homoeopathic Dispensing (willing to teach Homoeopathy); comfortable situation; no Sunday or Bank Holiday duties; fortnight summer holiday; very good wages offered. Tampin & Son, Pharmacists and Opticians, 19 Eden Street, Kingston-on-Thames.

LEEDS.—Qualified Assistant wanted, ineligible for Army, or lady, for high-class Dispensing and Retail Department. Apply, with full particulars, to Chas. F. Thackray, Great George Street, Leeds.

LONDON.—Junior Assistant wanted at once; Counter and Dispensing; comfortable situation; one whole day off weekly. Briggs, Chemist, 126 Hoe Street, Walthamstow.

LONDON.—Qualified Manager, over military age, for working-class business; been well managed; good salary with liberal interest in the profit offered to smart, capable men. Apply, 158/25, Office of this Paper.

LONDON, N.—Assistant required for Thursday, Friday, and Saturday evenings, chiefly for Dispensing, and also assist at Counter, etc. Apply to J. Pirie, Chemist, 4 Grand Parade, Harringay.

LONDON, N.W.—An Assistant in a Family Retail and Dispensing business, either for Counter or Dispensing (or both); a lady would not be objected to if capable, or one who could put up Stock or assist with books. Alban Atkin, M.P.S., 243 West End Lane, West Hampstead, N.W.

LONDON, S.E.—Smart Assistant wanted immediately, female or ineligible male. Apply, stating age, experience, salary, etc., to Munday, 25 Camberwell Green, S.E.

LONDON, S.E.—Wanted, early date, competent Assistant, ineligible for military service; qualified preferred; N.H.I. etc.; highest references essential. Apply, with fullest particulars, "Alembroth" (54/37), Office of this Paper.

LUDLOW.—Wanted, first week January, reliable unqualified Assistant; outdoors; ineligible either from age or otherwise; easy hours; half-day; no Sunday; salary 45s., with speedy rise to suitable man; enclose reference. Woodhouse & Son, Bull Ring, Ludlow, Salop.

NEAR Liverpool.—Wanted immediately, smart Assistant, unqualified; outdoors; good salary. Apply, 48/34, Office of this Paper.

N.W.—Assistant for Dispensing and Counter; gentleman or lady with previous experience; outdoors. State salary, S. P. Sayers, 7 Brent Street, Hendon.

ROYAL SOUTH HANTS & SOUTHAMPTON HOSPITAL.—Required, a Major Pharmacist (male, ineligible) or female; salary £120 per annum, with rooms, board, and washing. Applications, stating age, with printed copies of testimonials (limited to five), to be sent to T. A. Fisher Hall, Secretary.

SOUTH OF ENGLAND.—Assistant required for high-class Dispensing, Retail, and Photographic business; no N.I. Dispensing; comfortable home and good terms. Kindly state full particulars and salary required (indoors) to "South," c/o British Drug Houses, Ltd., 22 Graham Street, City Road, N.

SURREY.—Qualified Manager required at once for Branch, Light Retail and Dispensing; must be ineligible for Army service or over military age and married; good house; easy hours; permanency. Full particulars to D. Macrae, Pharmacist, Redhill.

VICTORIA HOSPITAL FOR SICK CHILDREN, HULL.—Lady Pharmacist (with residence, board, and laundry) required early in January for the above Hospital. Applications, stating age, salary, and qualifications, with copies of testimonials, to be sent at once to the Secretary.

WEYMOUTH.—Wanted, Assistant, ineligible, qualified preferred (outdoors), for a good-class Dispensing business. Apply, giving full particulars, photo, to Shelley Richards, Pharmacist, Weymouth.

WORCESTER.—Competent Assistant required for good-class Retail and Dispensing business, with fair amount of National Insurance work; qualification not essential. State age, experience, salary required, references, etc., to Anderson & Virgo, Chemists, Worcester.

YORK.—Lady or elderly gentleman Pharmacist required for country branch; duties chiefly Dispensing, Stock-making, etc.; also a Junior Assistant (male) for York branch. Please state full particulars and salaries required, Falconer, Walmgate, York.

YORKSHIRE.—Young lady who has had experience at the Counter, and some Dispensing, required for a quiet Cash business in colliery district; comfortable and permanent berth. "Yorks" (158/252), Office of this Paper.

A LADY required for a small, good-class Light Retail and Dispensing branch business near London; hours 9 a.m. to 7 p.m., Wednesdays 1 p.m.; no Sunday duty. Apply, with experience, salary required, and qualifications (if any), to Prebble & Bone, Chislehurst.

A SSISTANT, over 23 years of age; ineligible for or discharged from military service; in- or outdoors. Give details of experience, age, height, salary required, and qualification, with photo, or call, Hooper, Struve & Co., Ltd., 26 Davies Street, W.

A SSISTANT, in January; two employed; outdoors; gentleman, or lady who has some knowledge of the Retail; must be quick, accurate Dispenser. Send reference and usual particulars, salary required, J. W. Feltwell, Chemist, 91 Hammersmith Road, West Kensington, W.

BRANCH Manager, qualified, wanted at once; must have Store experience and be exempt from military service. Apply, Parke's Drug Stores, 65 Harmood Street, N.W.

CHEMIST-OPTICIAN.—excellent prospects for suitable man; also lady Dispenser, accustomed to Chemist's business. Apply, full particulars, Frichard, Cash Chemist, Abertillery.

COUNTER Assistants required, either sex, in Drug and Perfumery Department; also Assistants with knowledge of Drugs and Druggists' Sundries for executing post orders. Apply personally, if by letter stating experience and salary required, to the Manager, Drug Department, Army and Navy Co-operative Society, 105 Victoria Street, Westminster.

DISPENSER and Bookkeeper (male or female) to a Doctor in small town in Gloucestershire; outdoors; previous experience preferred; hours 9.15 a.m., 2 p.m. and 6.7.30 p.m., Sundays 10.11 a.m. and 2 p.m.; salary 30s. a week and a small temporary bonus; required for January 1, 1917. Apply, letter, H. Jenkins, 137 Willesden Lane, London, N.W.

FRENCH-SPEAKING Assistant, experienced in Continental work, for a first-class West-End Pharmacy; reasonable hours; no night duty. Apply, giving fullest particulars and references, 48/29, Office of this Paper.

FRONT Counter Assistants, either sex, also Stockkeeper, required; latter position would suit Improver or intelligent man anxious for advancement; state salary required (outdoors); short hours; no Sunday duties. Mr. Orme, 82 Western Road, Hove.

LADY Assistant required as Junior Assistant; preference given to one with some experience in a Retail Pharmacy. Apply, Quibell, The Station Pharmacy, Golder's Green, N.W.

LADY or gentleman Pharmacist required, to Manage small Branch, small N.H.I.; hours 8.6, Thursday 12, Friday and Saturday 8 p.m. Apply, with full particulars, to the Secretary, Doncaster Mutual Co-operative and Industrial Society, Ltd., 1 John Street, Doncaster.

MANAGER wanted; qualified; 65s. a week; permanency; Glamorgan; colliery district; Light Retail and N.H.I. "Radix" (51/25), Office of this Paper.

QUALIFIED Manager (ineligible) for seaside business; good position; comfortable house; state age, experience, references, and salary required. Apply, 51/23, Office of this Paper.

QUALIFIED Chemist as Manager and unqualified Assistant (both ineligible) for Branch in centre of populous town; applicants must state full particulars, also age and salary required. Apply, 55/1, Office of this Paper.

QUALIFIED Assistant wanted; ineligible; elderly registered man not objected to. Apply, giving particulars, salary, and experience, references, to 54/24, Office of this Paper.

REQUIRED, Dispenser in large West-End Retail establishment; hours of work approximately 8.45 to 6 p.m., Saturdays 1 o'clock; no Sunday duty. Write, stating full particulars of past experience and salary required, to L.J. 1278, Sells' Advertising Offices, Fleet Street, E.C.

STOCK.—Smart unqualified man wanted, age about 46, to assist in taking and Pricing Stocks; preference given to one who has some little knowledge of the work or who has a genuine desire for such employment; permanent and progressive berth. 158/251, Office of this Paper.

STOCKTAKER wanted for about one week end of December; good pay and return rail fare. Francis Hallam, Ltd., 22 High Street, Burton-on-Trent.

THOMPSON & CAPPER have vacancies for a qualified and an unqualified Assistant. Write, enclosing photo if possible, to Manesty Buildings, College Lane, Liverpool.

UNQUALIFIED Assistant; ineligible or above military age; must have had good Photographic experience; progressive berth; Midland city; permanency. "Photo" (158/025), Office of this Paper.

UNQUALIFIED Assistant (outdoors) required at once. Full particulars to Atkins & Son, Pharmacists, Salisbury.

UNQUALIFIED Assistant wanted, the holder of which is recommended for exemption from military service by local commissions for insurance; salary 50s. weekly. Apply, 52/2, Office of this Paper.

UNQUALIFIED outdoor Manager wanted for small Cash business in London; good wages; comfortable berth offered. Apply (in confidence), with particulars of salary required, length of experience, and when disengaged, "Chemist" (51/14), Office of this Paper.

UNQUALIFIED Assistant required, lady or gentleman, with knowledge of Photography; smart at Counter and Dispensing. Apply, Parke's Drug Stores, 65 Harrold Street, N.W.

WANTED, a qualified lady Dispenser; salary 25s. per week, with rooms and attendance. State age and experience and apply, with testimonials, to "Medicus" (52/15), Office of this Paper.

WANTED, competent Assistant (outdoors) for good-class Counter and Dispensing; no Sunday duty; qualified or unqualified; permanency. Thomas, 119 Connaught Road, Cardiff.

WANTED, Assistant, chiefly for Dispensing; lady or gentleman. Apply, with full particulars, to Gamble & Co., 4 Edwards Terrace, Kensington, W.

WANTED, capable Assistant, Junior, but exempt. Apply, by letter in first instance, to the Manager, Heppell & Co., 78 Strand, W.C.

WANTED, qualified lady to Manage Branch Pharmacy in North London; assistance given; salary £3 per week. Write full particulars to "S. J. W." (52/37), Office of this Paper.

WHOLESALE.

Price-lists, trade circulars, samples, and printed matter can in no case be forwarded, the Box numbers being intended exclusively for specific answers to particular advertisements. The Publisher reserves the right to open and refuse to forward any communications received which he may consider contrary to this rule.

ASSISTANT with thorough knowledge of Laboratory Glass. Middleton & Co., Ltd., Chemists, Middlesbrough.

CLERK for Office of Wholesale Druggists, for Ledger work and Invoicing; must be good writer, quick at figures, with experience of the trade preferred; good salary to suitable candidate. Apply, stating age, etc., to 55/16, Office of this Paper.

DRY ROOM.—Wanted, capable man for Dry Department; ineligible; good references. Please give details of experience in first letter, also salary required, R. A. Cripps & Son, Manufacturing Pharmacists, Hove, Brighton.

DRY-ROOM Counter hand required at once; must be able to Pack goods from original orders, and be ineligible for the Army; applications are also invited from discharged soldiers with the necessary experience. Apply by letter, giving full particulars, to "W. R. D." Allen & Hanburys, Ltd., Bethnal Green, E.

DRY Counter hand wanted; permanency for suitable man. Apply, stating age, experience, and wages required, Secretary, General Apothecaries' Co., 49 Berners Street, W.

CITY HOUSE requires Assistants, male and female, for Wet, Dry, Sundry, and Despatch Departments. Apply, giving full particulars, 152/19, Office of this Paper.

DRUGGISTS' Sundries.—Assistant required for an important position in a London Wholesale House; a man or woman with a good knowledge of the trade. Apply, giving age, previous experience, and salary required, to "Vieta" (51/10), Office of this Paper.

DRUGGISTS' Sundries, Packed Goods.—First-class Representative wanted; only highly connected with good connection in South Wales and Midland Counties need apply; highest remuneration. State all particulars in full to 51/30, Office of this Paper.

LADY Clerk required for Correspondence; must be able to control staff of lady clerks and be a good correspondent; liberal salary. Write, giving full particulars of experience, to "P. D." (151/28), Office of this Paper.

PACKED Drugs and Toilet Articles Department. — Assistant wanted. State age, experience, and salary required. Ayrton, Saunders & Co., Ltd., 34 Hanover Street, Liverpool.

PROVINCIAL Wholesale Drug House wish to correspond with gentlemen experienced in Drug trade; good position to one with the necessary knowledge and experience. 157/70, Office of this Paper.

PROVINCIAL Wholesale House require the services of Buyer for Drug Department. Apply, stating age, experience, and salary required, 157/22, Office of this Paper.

QUALIFIED lady required for Pharmaceutical Laboratory. Apply, with full particulars, to "F. W. G." Allen & Hanburys, Ltd., 7 Vere Street, Cavendish Square, W.

REPRESENTATIVES calling upon Chemists and Druggists and Stores in populous districts will find our Honey a profitable line. Leonard Hill & Co., Honey Packers, 6 Rood Lane, London, E.C. Packing Works, Wagner Street, S.E. Contractors to H.M. War Department.

WANTED, Representative (ineligible), to call on Hospitals and Doctors for Drugs and Instruments. Apply, giving full particulars, to Chas. F. Thackray, Great George Street, Leeds.

WANTED, Representative for Surgical House with London office; experience of Hospitals and Surgeons essential. Apply, with full particulars, to 52/271, Office of this Paper.

WANTED, by firm in North of England, Laboratory Assistant, capable of making Tinctures, Infusions, and usual Pharmaceutical Preparations; must have had at least five years' experience and have good references. "X. Y. Z." (159/40), Office of this Paper.

WAREHOUSEMAN to assist with orders; knowledge of Sundries necessary; ineligible. Apply by letter, stating wages and experience, to Hockin, 12 Little Howland Street, Tottenham Court Road, London.

WET Counterman required; wages 50s.; required in provinces; comfortable permanency; free removal. State age, experience, and usual particulars, 54/25, Office of this Paper.

SITUATIONS OPEN.

(Colonial, Indian and Foreign.)

2s. 6d. for 50 words or less; 6d. for every 10 words or less beyond, prepaid. The **Advertiser** may, if preferred, have replies addressed to this Office, and forwarded on payment of an additional charge of 6d.

PARIS.—Wanted, competent Assistant (ineligible) for good-class English Pharmacy. Write full particulars to Mr. Brooks, 6 Northumberland Avenue, London, W.C.

SITUATIONS WANTED.

IS. for 12 words or less; 6d. for every
10 words or less beyond, prepaid.

The **Advertiser** may, if preferred, have replies addressed to this Office, and forwarded on payment of an additional charge of 6d.

[HOME.]

RETAIL.

ADVERTISER seek: the Management of a small Druggist Business; middle-aged; no family; experienced; permanency; moderate salary. Russon, 15 Granville Road, Pendleton, Manchester.

ASSISTANT, Manager, Locum; permanency; all-round experience; excellent references. "Statim," 40 Powis Square, Bayswater.

BRIGHAM or District.—Qualified lady requires part-time employment; reference, reliable. "S. S." (48/37), Office of this Paper.

CERTIFIED Dispenser, Bookkeeper, and Dresser, 11 years' experience, desires post with Surgeon or Institution; excellent testimonials; 4 years last appointment; either Locum or permanency; London district; disengaged January. Apply, 42/40, Office of this Paper.

DISPENSER: married; 29; conditional exemption (classified C2); unqualified; first-class experience and references; good salary, with reasonable hours. Fullest details to 48/30, Office of this Paper.

DISCHARGED Army.—Unqualified Assistant desires situation middle January; age 26; height 5 ft. 10 in.; abstainer; gentlemanly; 12 years' good experience, Dispensing, Counter, Photography; experienced Shipping and Agricultural trades; first-class references; state salary offered; communications not answered in four days respectfully declined. Apply, "Active" (54/27), Office of this Paper.

FEW hours daily, Dispensing, Booking, Secretarial; qualified lady. "B.," Steepleton Rectory, Dorchester.

LADY, qualified, well trained, experienced, desires post; first-class Chemist or Institution. Apply, 50/57, Office of this Paper.

LADY Dispenser (Hall part qualified) wants London post, W. or S.W., about January 6. O'Brien, Gordon House, 112 Melody Road, Wandsworth Common.

LADY Dispenser (Apothecaries' Hall), Hospital experience, wants post in Hospital or with Doctor. Miss Rudder, Derwent House, Lincoln.

LADY Dispenser, qualified, experienced, desires post in or near London. 52/21, Office of this Paper.

LADY Dispenser, part qualified, desires post; some experience; in or near Manchester. Apply, 52/22, Office of this Paper.

LADY Dispenser (Apothecaries' Hall), 14 years' experience, excellent testimonials, wishes part-time work with Doctor, Chemist, or Institution in London. Apply, 54/39, Office of this Paper.

LIVERPOOL, Birkenhead, or Hoylake District.—Lady, with Hall qualification, desires post with Chemist, Doctor, or Hospital. Taylor, 5 Egbert Road, Meols, Birkenhead.

LONDON, E. or N.E.—Dispenser wants evening employment; 15 years' all-round experience. Apply, 52/36, Office of this Paper.

LOCTUM, qualified, free until January; days, full time. Stewart, 3 Elborough Street, Southfields.

LOCTUM; disengaged; country: Minor: 50: first-class references and experience. Dewey, Helena Avenue, Margate.

LOCTUM or permanency: 27; unqualified; exempt from military service; disengaged; Counter and Dispensing. "Statim," 4 Bright Street, Cheetham, Manchester.

MANAGER or Locum; qualified; disengaged; satisfactory references; London or provinces. "Bonar" (52/25), Office of this Paper.

MANAGER: qualified; married; over age; experienced; disengaged; first-class references. Give full particulars and salary offered to 52/29. Office of this Paper.

MANAGER: qualified; over military age; disengaged at month's notice. "Heroin" (52/7). Office of this Paper.

MANAGER, with view to succession; small capital; rejected. 52/1. Office of this Paper.

MANAGER or Assistant: unqualified; good Dispenser, Counter-man, and Prescriber; tall; married (no family); London and country experience; disengaged shortly. "Chemist," 3 Uckfield Road, Enfield Wash, N.

NEW YEAR.—Well-experienced Assistant: first-class Counter-man; adapted to Management of keen Store trading or high-class business; steady, active, reliable; aged 48; London berth desired. Fairweather, 2 Southgate Street, Winchester.

PERMANENT or temporary: qualified; abstainer. "A. P.," 15 Leighton Gardens, Willesden, N.W.

PHARMACEUTICAL Chemist (45) seeks Institution Dispensership or responsible post with moderate hours. "E.," 2 Montserrat Road, Putney, S.W.

QUALIFIED; 39; compete knowledge all branches. State fullest details first letter, "Statim," 12 Portland Street, Huddersfield.

QUALIFIED: 43; Manager or N.H.I. Dispenser for the war. "C.," "Northern" (52/28), Office of this Paper.

RELIEF work done any evening, also Saturday afternoons and Evening; Dispensing and Counter; highest references. "Statim," 55 Nyal Road, Bow.

THOROUGHLY competent Assistant; over military age; West End Dispensing experience; London or suburbs; state salary; used Management; outdoors. "B.," 4 The Parade, Sudbury, Harrow, N.W.

UNQUALIFIED; Senior; exempt; Counter and Dispensing; London or suburbs. Apply, "X. Z." (158 35), Office of this Paper.

YOUNG lady seeks employment; well up in General Retail and Photography; active, smart, energetic; South preferred. "E. B.," c/o French & Son, Chemists, Gosport.

46; desires change; 30 years' experience; 20 years multiple firm, 15 as principal Assistant; expert experience in all departments; would accept responsible position in Wholesale; permanency only entertained. "Alert" (52/18), Office of this Paper.

£200 per annum; M.P.S. with Optical and slight Dental experience; exempt; married; young; preferably as Manager. "Asquith" (52/17), Office of this Paper.

WHOLESALE.

APPLICANT, young, recently exempted by Medical Board, and having relinquished responsible post with leading firm, seeks re-engagement; exceptional experience all branches; energetic, active; accustomed to control and organisation of clerical and factory staff; salary £180-£200. "Executive" (52/13), Office of this Paper.

COMMERCIAL gentleman, experienced, covering North-East and Eastern Counties, open to Represent good Drug house. "Veritas," Jutland House, 48 Park Grove, Hull.

DRUGGISTS' Sundries, Surgical Instruments.—Advertiser requires position as Buyer, Manager; 29 years' first-class experience; good organiser; excellent references; ineligible. 48/55, Office of this Paper.

GENTLEMAN, 46 years of age, offers connection of 25 years with Chemists of London and provinces to a first-class house; either commission or salary; open in the New Year. 51/12, Office of this Paper.

PACKED Goods.—Manager, Pharmacist, Buyer, Originator, Sales Controller large staff and output; free. "Statim" (51/26), Office of this Paper.

TRAVELLER, age 46, qualified Chemist, requires re-engagement; many years' experience of road and connection; good selling record and first-class references; now disengaged. "Radix" (52/32), Office of this Paper.

WORKS Chemist desires responsible position; practical Manufacturer of Pharmaceuticals, Extracts, Essences, and Fine Chemicals; expert Analyst and Sampler of crude Drugs. Apply, 54/26, Office of this Paper.

MISCELLANEOUS.

MCADAM & TUCKNICKS, Sharedealers, Bank Chambers, Blackheath, S.E. Established 1898. Telephone, 81 Lee Green.

Shares for Sale (free of commission, subject)—300 British Oil Fordham, 28s. 1d.; 200 British Oxygen, 52s.; 90 W. B. Fordham, 10s. 3d.; 290 Ilford Ordinary, 13s. 9d. c.d.; 50 Preference, 16s. 1d.; 310 Idris "A" Preference, 4s. 1d.; 300 Lewis & Burrows 6 per cent. Preference, 13s.; 500 Ordinary, 5s. 9d. c.d. 4 per cent.; 300 Spratt's Ordinary, 27s. 6d.; 350 Wright, Layman 6 per cent. Preference, 19s. 10d.; 350 Mazzatorta Ordinary, 1s. 6d.; 100 Preference, 28s. 9d.; 75 St. Ivel 6 per cent. Preference, 16s. 9d.; 45 Viro, 55s.; 10 Sanitas, 21s. 3d.; 50 Parke's Drug Preference, 14s. 6d.

Wanted (subject)—Albany Preference, Evans Lescher Preference, Idris Debentures.

Every effort made to effect business for Buyers and Sellers in all Stocks and Shares. Bankers, London County and Westminster.

SHOP FITTINGS (SECOND-HAND), Suitable for Large Pharmacy, or can be adapted as required.—16 ft. Plate-glass Wall-case; 16 ft. Handsome Fixture with Glass-labelled Drawers, Mahogany cupboards, etc.; 12 ft. Plate-glass Fronted Counter with Label Drawers, etc.; 7 ft. Handsome Dispensing Screen; Silent Salesman Case; 6 ft. Bent Plate-glass Counter Case; Desk and Perfume Case; £155 the lot; sketches on application; or would divide. PHILIP JOSEPHS & SONS, 93 Old Street, London, E.C.

SECOND-HAND Chemists' Fittings.—We have an exceptionally fine selection of these in all sizes; prices are right, and goods are in first-class condition; we shall be pleased to supply particulars and prices. Call or write, RUDDUCK & CO., 262 Old Street, London, E.C.

M^cQUEEN'S System of Accounts works out profit and loss account, balance sheet, and income-tax return with guaranteed certainty; prepare for even bigger war tax and over-assessment by using this "Accountant on your Desk"; simple as ABC. Full particulars and testimonials, free, McQueen & Co., Mont Road W., Leicester.

OUT LOUD!

Read this out so that all your friends can hear you. Send now six penny stamps to cover postage, and we will send you free and post paid, a unique set of samples. You'll buy the goods when you see them. Wholesale buyers only wanted. Cash with order terms. 100% Bonus given with opening order. Large stocks, quick deliveries.

NI-VERE CHEMICAL COMPANY,
Pharmaceutical and Toilet Preparations,
5 to 7 Ormeau Avenue BELFAST (Ireland).

Good Commission.

We require immediately **SOLE BUYING AGENTS**, also Representatives, in all parts of the Country and Abroad, to push the sale of "**OKAYLOIDS**," a highly efficient, purely vegetable, cure for Gout and Rheumatism. "**OKAYLOIDS**," for Gout and Rheumatism, have gained an excellent reputation and brought many "repeat" orders in London and South Wales. Good remuneration to the right men who can introduce satisfactory business. The territory required, with an estimate of the annual turnover, should be sent, with references, to—

"OKAYLOID"

Proprietaries,

730 OLD KENT ROAD, LONDON, S.E.,

who will give careful attention to all applicants.

HIGH PRICES FOR CAMERAS

Original Cost Price for Vest Pocket Kodaks, R.R. Lens, and Watch Pocket Carbines,

Try us for Single Models, Dealers' Stocks, Ensignettes, &c. We reply promptly and courteously, and goods are returned at once, CARRIAGE PAID, if no business is done.

WATSONS, 84 HIGH STREET, SHEFFIELD.

WAR WANTS EXCHANGE.

The object of this section is to facilitate the interchange of pharmaceutical products which are scarce at present owing to the War, and which the inquirers have failed to obtain through the customary business channels.

TERMS

Minimum charge (including registration fee) of 1/- for six words or less; 2d. per word beyond, prepaid. Inquiries are inserted with a registration number attached to each item, and replies will be communicated direct to the inquirers by the Information Department of "THE CHEMIST AND DRUGGIST."

WANTED.

Principals having any of the following articles to dispose of are requested to notify the fact by postcard or otherwise stating quantity and price to

THE WAR WANTS EXCHANGE,

"The Chemist and Druggist," 42 Cannon Street, London, E.C.

Bromural tablets (52/16)	Resorcin (52/16)
Iodoglidine tablets (52/16)	Sodium sozoiiodol (52/16)
Meta-phenylene-diamine (52/20)	Theocin Soda Acetate (159/41)
Naftalan (52/16)	Trional (52/16)
	Ung. cycloform co. (52/16)

EXCHANGE COLUMN

One halfpenny per word with name and address. One penny per word if we register the address and attach a number.
No advertisement inserted for less than 6d.

Price-lists, trade circulars, samples, and printed matter can in no case be forwarded, the Box numbers being intended exclusively for specific answers to particular advertisements. The Publisher reserves the right to open and refuse to forward any communications received which he may consider contrary to this rule.

FOR DISPOSAL.

DENTAL.

1 doz. dental forceps, assorted; 300 $\frac{1}{2}$ -plate, plate sunk mounts grey; 1 x 100 chinosol soloids, 8.75 gr., orig. bottle; what offers? Balmer, Bangor, Down.

DRUGS AND CHEMICALS.

OFFERS wanted for 8 oz. sulphate of quinine. 54/32, Office of this Paper.

ZINCI valer pills, gr. ii. 190, gr. iii. 204; phenacetin, 3 oz. 1 dr.; phenazonium, 2 $\frac{1}{2}$ oz.; resorcin, 1 $\frac{1}{2}$ oz.; sulphonol, 2 $\frac{1}{2}$ oz.; what offers? Shepperley, 54 Long Row, Nottingham.

PROPRIETARY ARTICLES.

1 doz. large Apenta, 16s. 6d. Brimson, Chemist, Bowen Road, Harrow.

WANTED.

SACCHARINE, powder or tablets; job lots wanted for cash. Walton, Batley Carr.

SACCHARINE, any quantity. State strength and price. Sherry, 34 Hartington Road, Liverpool.

WANTED, recipes, toilet, medicinal, veterinary, label with price. Samuel Arthur, Chemist, Redruth.

SMALL tablet machine, hand or power. State make and lowest price. 52/38, Office of this Paper.

WANTED, 6 oz. "Medinol." Advise price to Drennan & Cooper, Gaythorn Mill, Albion Street, Manchester.

OPTICAL books, Minor, Major, Chemists' books; send prepaid for valuation; cash offers per return. Gower, Bookseller, 41 Voltaire Road, Clapham, S.W.

SOAP mill and plodder; would consider taking over an entire plant for milling and stamping processes. Replies to 158/60, Office of this Paper.

WANTED, check-printing National cash register, with all latest improvements; must be in perfect condition. Write, F. Robinson, 45 Mansfield Road, Gospel Oak, N.W.

IODOGLIDINE tablets, benzosalin tablets (Hoffmann La Roche). State quantity and price. Cooper, Son & Co., Ltd., 80 Gloucester Road, South Kensington, London, S.W.

Chemists' Windows.

A Christmas Window of Soldiers' Comforts.

Mr. H. E. Kendrick makes the following suggestions for a chemist's Christmas window: Cover the bottom of the window with white paper, and over this place half-inch strips of black paper, nine inches apart from front to back and side to side, thus dividing the window into squares. A drawing-pin at each crossing will hold the strips in position, and the black paper taken from Kodak spools is just the thing for cutting the strips. Make up a series of parcels of soldiers' comforts, costing from a shilling upwards, and arrange one of these parcels in each of the squares. Price each article separately, and also have a ticket about the size of a postcard in each square, on which is written the full list of articles, the total cost, approximate weight, and cost of postage. Three such tickets are shown here. Have a duplicate of all the tickets on a card in the shop, so that it can be handed to a customer to consult, and also used for reference in making up any parcel asked for. The parcels costing, say, seven shillings and more, which contain more articles than will go into one of the squares, can be arranged on the first shelf, and the remaining shelves filled with groups of the various articles. Cards worded something as follows should be placed on them:

Shaving Articles.—He still has to shave himself. Send him one of these."

Tooth Brushes, Powders, etc.—Help him to take a pride in his teeth."

Tea Tablets, Oxo Cubes, etc.—Turn his chilly nights to cheery nights."

For any Article.—A —— in the trenches is worth two in the shop."

Finish off with a poster along the top of window, done in white letters on a black ground:

"JUST THE THING FOR THE BOYS IN THE TRENCHES."

The offers should be suitably advertised in the local paper. Since last you were busy selling Christmas presents hundreds of thousands of married men have been called up, and they, together with the gallant boys who spent Christmas 1915 in the trenches, will look forward to the Christmas parcels. It is the duty of every tradesman making money from the sale of soldiers' comforts to do all possible to ensure that they reach their destination safely, so I once more repeat the advice I gave a year ago: Save all your boxes, paper, and string, give them freely, and, when you have time, offer to pack parcels. Put yourself in a position to advise the best way to send—e.g., parcel or letter post. Give parcel and letter rates when asked; many chemists refer customers to the post-office for this information, but if you cut out or copy the postal regulations given below (which have been revised up to date), and keep the copy in a convenient place, it will only require a second or two to answer such a question as, "How much will it cost to send the parcel to Salonika?" from a customer who has just purchased several articles. Personally I should pop the lot on the scale and supposing they weigh 7 oz. and do not require much packing, my answer would be as follows: "When packed it will weigh about 8 oz., costing 3d. by letter-post, but it would be much better for you to include other articles and send by parcel-post; then you can send up to three pounds for another fourpence." To get this information from the P.O. one may have to wait ten minutes at a busy counter. Of course many people know the rates, etc., quite well from constant posting, but there are still many who do not.

POSTAL REGULATIONS.

THE ARMY.

Parcels to Men with the Expeditionary Force in France.

Rates:—Not exceeding 3 lb. 1s. (4d.)
Between 3 lb. and 7 lb. 1s. 4d.
Between 7 lb. and 11 lb. 1s. 7d.

Inland Parcel Post limitations as regards size and weight apply to parcels for the Troops.

Maximum weight 11 lb.
Maximum length 3 ft. 6 in.
Maximum length and girth combined 6 ft.

No declaration, as regards the contents, need be made; but a statement on the cover of the parcel is advisable.

The Mediterranean, etc.

Not exceeding 3 lb. 1s. 0d.
3 lb. and not exceeding 7 lb. 1s. 9d.

These rates are by the all-sea route only, and parcels sent thus cannot be registered, insured, or expressed.

Letters, postcards, parcels, and money-orders may be sent free of all postal charges to prisoners of war of whatever nationality interned abroad, and to British civilians interned in Austria-Hungary and Germany.

JUST THE THINGS FOR THE BOYS IN THE TRENCHES.

PARCEL No. 1. 1/-

Shaving Soap	6°
Tooth Powder	4°
Boric Ointment	2°

TOTAL 1-0½

WEIGHT 6 OZS. POSTAGE 6°

"Send him one of these."

JUST THE THINGS FOR THE BOYS IN THE TRENCHES.

PARCEL No. 7. 2/-

Tea Tablets	7½
Oxo Cubes	6°
Trench Ointment	7½
Soap	3°
Peppermints	2°
Vaseline	2°

TOTAL 2-6½

WEIGHT 17 OZS. POSTAGE 4°

"Send him one of these."

JUST THE THINGS FOR THE BOYS IN THE TRENCHES.

PARCEL No. 15. 5/-

Body Belt	10	Foot Powder	1½
Shaving Soap	6	Tooth Brush	1½
Lozenges	6	Iodine	6
Mirror	6	Stove	5
Beric Oil	2	Healthills	3
Cocoa Sugar & Milk Tablets	8½		

TOTAL 5-3½

WEIGHT 25 OZS. POSTAGE 4/-

"Send him one of these."

THE NAVY.

Rates: At Inland Parcel Post Rates for ships in Home Waters, including the North Sea.

The above limitations as regards weight and size apply to parcels for the Navy.

HOW TO ADDRESS PARCELS.

ARMY:—

- All parcels, etc., to a soldier should include:—
 (1) His regimental number.
 (2) His rank.
 (3) His initials and name.
 (4) The number or letter of his squadron, battery, or company.
 (5) The number and name of his battery, battalion, or regiment; or the name of any special appointment he may hold.
 (6) (a) If he is in the *Expeditionary Forces*—the words "British Expeditionary Force" or "Indian Expeditionary Force" as the case may be.
 (b) If serving at *Home*—the name of the place where he is stationed and the post town or county; or, if the place where he is stationed is not known, the words "Home Defence".
 (c) If serving abroad but not with the *Expeditionary Forces*—the name of the place or country where he is stationed.
 (7) In order to facilitate the return, if undelivered, of a letter, packet, or parcel, the sender's name and address should appear on the outside. In the case of a letter, these particulars should be written on the back, and in the case of a packet or parcel on the front, either crosswise or in such a position as not to be confused with the name and address of the person to whom the packet or parcel is sent.

NAVY:—

Name of man, H.M.S. (name ship), c/o General Post Office, Inland Section, E.C. This applies only to ships in home waters; for men in ships on foreign stations the address should be written as usual.

Lighting restrictions are more stringent than ever, post-offices are closing earlier, and many shops are closing at six, therefore the great thing to drive home with the shopping public this winter is "Shop Early":

SHOP EARLY.—The Post Office is making special arrangements to deliver Christmas parcels to soldiers and sailors. Help it by sending your parcel soon. Help yourself by shopping in daylight, when you run less risk of injury from stepping off kerbstones, colliding with pedestrians, bicycles, etc. You can find the required shop with ease, select your purchases without the discomfort of shaded lights, and bring your children out in safety. *Daylight shopping means easy shopping.*

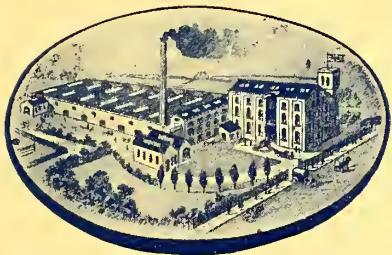
A card worded something like above, displayed in a prominent position, and a few thousand enclosure slips with the same wording, sent out in parcels, will go a long way to encourage early shopping.

The
Wigglesworth
Way

Mr. PHARMACIST!

A GREAT DEMAND

is anticipated for the following specialities during the coming season. We would strongly advise you to examine your present stock and to order without delay any of the lines you may require.



QUININE & PHOSPHORUS TABLETS.

Record Sales for this popular and profitable line continue. Excellence of the product combined with "The Wigglesworth Way" of Advertising is accountable for the remarkable success. Order now and participate in the increased business sure to follow.

In Decorated Tins to retail at 6d.

DIAMOND PINE TABLETS SWISS PINE TABLETS

In Tins to retail at 6d.

BROMPTON LOZENGES SORE THROAT TABLETS

In Tins to retail at 3d.

Mentholoid Throat PELLETS Husky THROAT PELLETS



Samples and Prices
will be sent on
receipt of postcard.

FORMALIN THROAT TABLETS
COLD CURE TABLETS
CINNAMON INFLUENZA TABLETS

WIGGLESWORTH & CO
WESTHOUGHTON, LANCs.

TO WHOLESALE & EXPORT TRADES.

ESTABLISHED 1846.

Extracts
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WILLIAM RANSOM & SON, LTD.,

MANUFACTURING PHARMACEUTICAL CHEMISTS.

Distillers of Essential Oils and Cultivators of Medicinal Plants.

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I guarantee Cadbury's Cocoa Essence (unflavoured)
is absolutely pure & prepared only from the finest selected Cocoa

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A supply of Fennings' "EVERY MOTHER'S BOOK" or Counter Bills (both with Agent's name and address),
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